

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 12, 2005, 06:50:56 ; Search time 1292 Seconds

(without alignments)
264.379 Million cell updates/sec

Title: US-09-488-728-4

Perfect score: 4643
Sequence: 1 MGAARSPPSAVPGPLGLL.....OLQKNSGMDTWSESEGPSA 866Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 177461 seqs, 39431504 residues

Total number of hits satisfying chosen parameters: 177461

Minimum DB seq length: 0
Maximum DB seq length: 200000000Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications RA:*

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- 2: /cgn2_6/ptodata/2/pubppaa/PCT_NEW_PUB.pep:*
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- 22: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4643	100.0	866	US-10-033-522-1	Sequence 1, Appli
2	4643	100.0	866	US-10-207-655-107	Sequence 107, App
3	4643	100.0	866	US-10-742-161-10	Sequence 10, Appli
4	4643	100.0	866	US-10-742-372-10	Sequence 10, Appli
5	4643	100.0	866	US-10-646-308-4	Sequence 4, Appli
6	4643	100.0	866	US-10-918-084-1	Sequence 1, Appli
7	4636	99.8	866	US-09-778-971-9	Sequence 9, Appli
8	4355	93.8	810	US-09-809-561-3	Sequence 3, Appli
9	4355	93.8	810	US-10-216-156-3	Sequence 3, Appli
10	4355	93.8	810	US-10-616-788-3	Sequence 3, Appli
11	3042.5	65.5	864	US-10-742-161-2	Sequence 2, Appli

12	3042.5	65.5	864	US-10-742-372-2	Sequence 2, Appli
13	1764	38.0	320	US-09-854-280-15	Sequence 15, Appli
14	1764	38.0	320	US-09-854-208-15	Sequence 15, Appli
15	1764	38.0	328	US-09-854-280-22	Sequence 22, Appli
16	1764	38.0	328	US-09-854-208-22	Sequence 22, Appli
17	1113	24.0	207	US-09-863-818A-19	Sequence 19, Appli
18	1113	24.0	207	US-10-749-144-19	Sequence 19, Appli
19	1113	24.0	207	US-10-924-667-19	Sequence 19, Appli
20	911.5	19.6	208	US-09-863-818A-20	Sequence 20, Appli
21	911.5	19.6	208	US-10-749-144-20	Sequence 20, Appli
22	911.5	19.6	208	US-10-924-667-20	Sequence 20, Appli
23	426	9.2	502	US-09-886-404-18	Sequence 18, Appli
24	426	9.2	502	US-09-874-503-12	Sequence 12, Appli
25	426	9.2	502	US-09-816-744-12	Sequence 12, Appli
26	426	9.2	502	US-09-747-259-12	Sequence 12, Appli
27	426	9.2	502	US-09-808-827-12	Sequence 12, Appli
28	426	9.2	502	US-09-863-818A-2	Sequence 2, Appli
29	426	9.2	502	US-10-006-867-158	Sequence 158, App
30	426	9.2	502	US-10-052-586-400	Sequence 400, App
31	426	9.2	502	US-10-063-547-158	Sequence 158, App
32	426	9.2	502	US-10-000-157-12	Sequence 12, Appli
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34	426	9.2	502	US-10-174-590-400	Sequence 400, App
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36	426	9.2	502	US-10-175-737-400	Sequence 400, App
37	426	9.2	502	US-10-063-616-158	Sequence 158, App
38	426	9.2	502	US-10-174-581-400	Sequence 400, App
39	426	9.2	502	US-10-176-483-400	Sequence 400, App
40	426	9.2	502	US-10-176-749-400	Sequence 400, App
41	426	9.2	502	US-10-176-914-400	Sequence 400, App
42	426	9.2	502	US-10-176-915-400	Sequence 400, App
43	426	9.2	502	US-10-063-569-158	Sequence 158, App
44	426	9.2	502	US-10-063-513-158	Sequence 158, App
45	426	9.2	502	US-10-063-515-158	Sequence 158, App

ALIGNMENTS

RESULT 1
US-10-033-522-1
; Sequence 1, Application US/10033522
; Publication No. US20020136724A1
; GENERAL INFORMATION:
; APPLICANT: MOHBER, Kendall M.
; TITLE OR INVENTION: Methods for Treating Rheumatoid Arthritis Using IL-17 Antagonists
; FILE REFERENCE: 2982-A
; CURRENT APPLICATION NUMBER: US/10/033,522
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: US 60/241,230
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 866
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-522-1

Query Match 100.0%; Score 4643; DB 13; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB	61	SWIHPNLTSPSPDLOLQILFAHTQOQDLPVVAHIEWTLQTDASIIYLEGAEISVLQIN	120
QY	121	TNERLCVRFEEPLSKLRHRRHRWRFTFSHFVVDPOEXEVTVVHLLPKPIPDGDPNQSINF	180

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Db      121  TNERLCVRFELSKLRHHRWRFTFSHFVVDPDQEVYVYHHLKPKIPDGPNNHQSKNF 180
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Db      181  LVPDEEHARKMTTTCMSSGSLMDPNITVETLEAQLRVSFTLNMESTHYQILLSPFM 240
Qy      241  ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
Db      241  ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
Qy      301  VSCPEMPTPEPIPDYMLWYVFTTGISILLVGSVILLVCMTRLAGPGESEKYSDDTK 360
Db      301  VSCPEMPTPEPIPDYMLWYVFTTGISILLVGSVILLVCMTRLAGPGESEKYSDDTK 360
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Db      361  YTDGLPAADLIPPLKPKRWIIYSADHPLVYDVYLKFAQFLTLTACGTEVALDLLEBOAI 420
Qy      421  SEAGVMTWVGRQKQEMVESNSKIIVLCSTRGRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
Db      421  SEAGVMTWVGRQKQEMVESNSKIIVLCSTRGRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
Qy      481  AAMNMILPDFKRPACFGTYVVCYFSBVS CDGVDPLFGAARYPLMDRFEVYFRIDLE 540
Db      481  AAMNMILPDFKRPACFGTYVVCYFSBVS CDGVDPLFGAARYPLMDRFEVYFRIDLE 540
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Db      541  MFOGRMHRVGEISGDNVLRSPGROLRAALDRFDMQVRCPEMCECNLYSADQDAPS 600
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Db      781  PYEEBORQSVQSDQGYISRSPPQPEGLTEMEEBEEDQPKPALPLSPEDLESLSLQ 840
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Db      841  RQLLFRQLQKNSGMDTMSSESGPSA 866

RESULT 2
US-10-207-655-107
; Sequence 107, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069, 401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 107
; LENGTH: 866
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-655-107

Query Match      100.0%; Score 4643; DB 14; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      481  AAMNMILPDFKRPACFGTYVVCYFSBVS CDGVDPLFGAARYPLMDRFEVYFRIDLE 540
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RESULT 3
US-10-742-161-10
; Sequence 10, Application US/10742161
; Publication No. US20040120898A1
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; TITLE OF INVENTION: Novel Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; Fanliow, William
; Spriggs, Melanie
;

```

ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/742,161
FILING DATE: 18-Dec-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694
FILING DATE: 21 MARCH 1996
APPLICATION NUMBER: USSN 08/538,765
FILING DATE: 7 AUGUST 1995
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
MOLECULE TYPE: protein
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US-10-742-161-10
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DB 241 ENHSCFEHMHII PABRPEEFHQRSNVTLTLRNLLKGCCHQVOIQPFSSCLINDCLRHSA 300
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DB 241 ENHSCFEHMHII PABRPEEFHQRSNVTLTLRNLLKGCCHQVOIQPFSSCLINDCLRHSA 300
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DB 361 YTDGLPADLILPPLPKPRKWIYISADHPLVYDVVLKFAOFLITACGTEVALDLLEDAI 420
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QY 661 APOPLHTVLAABEGALVAAPERPLADGAIVRLALAGEACPLUGSPGAGRNVFLFP 720
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QY 781 PYEEOQOSVQSDGYISRSRPOPPEGLTEMEEEEBEODPGKPALPLSPEDLSLSLQ 840
DB 781 PYEEOQOSVQSDGYISRSRPOPPEGLTEMEEEEBEODPGKPALPLSPEDLSLSLQ 840
QY 841 RQLFROLQKNSGMDTMGSESEGPSA 866
DB 841 RQLFROLQKNSGMDTMGSESEGPSA 866
RESULT 4
US-10-742-372-10
Sequence 10, Application US/10742372
Publication No. US20040120899A1
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
Spriggs, Melanie
Fanslow, William
TITLE OF INVENTION: Novel Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/742,372
FILING DATE: 18-Dec-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694
FILING DATE: 21 MARCH 1996
APPLICATION NUMBER: USSN 08/538,765
FILING DATE: 7 AUGUST 1995
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids

TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
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US-10-742-372-10

Query Match 100.0%; Score 4643; DB 16; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MGAARSPSAVPGPLGLGLLLGLVAPGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
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QY 121 TNERLCVRFEPFLSKLRHHRMRFTFSHFVVDPOEYEVYVHHLPKPIPDGDPNHQSKNF 180
DB 121 TNERLCVRFEPFLSKLRHHRMRFTFSHFVVDPOEYEVYVHHLPKPIPDGDPNHQSKNF 180
QY 181 LVPDCEHARMKVTPCMSSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSPFHM 240
DB 181 LVPDCEHARMKVTPCMSSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSPFHM 240
QY 241 ENHSCFEHMHHPAPRPEEFHQRNSVTLTLRNKKGCCRHQVOIQPFSSCLNDCLRHSAT 300
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DB 301 VSCPEMPTPEPIPDYMLWYVFTGISILLVGSVILLVCMTWRLAGPSEKSDDTK 360
QY 361 YTDGLPADLLPPLKPKRWIITYSADHPLVYDVVLKFAQFLTRACGTEVALDLLEBOAI 420
DB 361 YTDGLPADLLPPLKPKRWIITYSADHPLVYDVVLKFAQFLTRACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWVGROKQEWESNSKIIVLCSTRGTRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
DB 421 SEAGVMTWVGROKQEWESNSKIIVLCSTRGTRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
QY 481 AAMNMILPDKRPACFGTYVVCYFSEVSCDGDVVDLFGAARYPPLMDRFEVYFRIQDLE 540
DB 481 AAMNMILPDKRPACFGTYVVCYFSEVSCDGDVVDLFGAARYPPLMDRFEVYFRIQDLE 540
QY 541 MFOGRMHRVGEISGDNVTLRSPGROLRAALDRFRDMQVRCPDWFECCENTLSADQDAPS 600
DB 541 MFOGRMHRVGEISGDNVTLRSPGROLRAALDRFRDMQVRCPDWFECCENTLSADQDAPS 600
QY 601 LDEEVFEERPLPFGTGIYKRAPLVREPGSQACLAIDPLVGEEGAANAVALLEPHLQPRGP 660
DB 601 LDEEVFEERPLPFGTGIYKRAPLVREPGSQACLAIDPLVGEEGAANAVALLEPHLQPRGP 660
QY 661 APOPLHTLVLAABEGALVAAVEPGLADGAAVRLALAGEGACPLLSGPGAGRNSVFLP 720
DB 661 APOPLHTLVLAABEGALVAAVEPGLADGAAVRLALAGEGACPLLSGPGAGRNSVFLP 720
QY 721 VDPESPGLSSTPMASPDLLPEDVREHLEGLMLSLFEGSLSCQAGCGCRPMVLTDPHT 780
DB 721 VDPESPGLSSTPMASPDLLPEDVREHLEGLMLSLFEGSLSCQAGCGCRPMVLTDPHT 780
QY 781 PYEEEROGVSDOGYISRSPOPPGGLTEMEEEEBEEDPGKRALPLSPEDLESRSIQ 840
DB 781 PYEEEROGVSDOGYISRSPOPPGGLTEMEEEEBEEDPGKRALPLSPEDLESRSIQ 840
QY 841 RQLLFRQLQKNSGMDTMSSESGPSA 866
DB 841 RQLLFRQLQKNSGMDTMSSESGPSA 866
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RESULT 5
US-10-646-308-4

Sequence 4, Application US/10646308
Publication No. US20040136992A1
GENERAL INFORMATION:
APPLICANT: BURTON, Paul B. J.
APPLICANT: DEISHER, Theresa A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING CARDIOVASCULAR DISEASE
FILE REFERENCE: 3432-B
CURRENT APPLICATION NUMBER: US/10/646,308
PRIORITY FILING DATE: 2003-08-21
PRIOR APPLICATION NUMBER: --to be assigned--
PRIOR FILING DATE: 2003-08-12
PRIOR APPLICATION NUMBER: 60/406,418
PRIOR FILING DATE: 2002-08-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
LENGTH: 866
TYPE: PRT
ORGANISM: Homo sapiens
US-10-646-308-4

Query Match 100.0%; Score 4643; DB 16; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MGAARSPSAVPGPLGLGLLLGLVAPGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
QY 61 SWIHRNLTPSSPKDLQQLHFAHTQGGDLFPVAHIEMTLQTDASILYEGAEISVLQIN 120
DB 61 SWIHRNLTPSSPKDLQQLHFAHTQGGDLFPVAHIEMTLQTDASILYEGAEISVLQIN 120
QY 121 TNERLCVRFEPFLSKLRHHRMRFTFSHFVVDPOEYEVYVHHLPKPIPDGDPNHQSKNF 180
DB 121 TNERLCVRFEPFLSKLRHHRMRFTFSHFVVDPOEYEVYVHHLPKPIPDGDPNHQSKNF 180
QY 181 LVPDCEHARMKVTPCMSSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSPFHM 240
DB 181 LVPDCEHARMKVTPCMSSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSPFHM 240
QY 241 ENHSCFEHMHHPAPRPEEFHQRNSVTLTLRNKKGCCRHQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHHPAPRPEEFHQRNSVTLTLRNKKGCCRHQVOIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPTPEPIPDYMLWYVFTGISILLVGSVILLVCMTWRLAGPSEKSDDTK 360
DB 301 VSCPEMPTPEPIPDYMLWYVFTGISILLVGSVILLVCMTWRLAGPSEKSDDTK 360
QY 361 YTDGLPADLLPPLKPKRWIITYSADHPLVYDVVLKFAQFLTRACGTEVALDLLEBOAI 420
DB 361 YTDGLPADLLPPLKPKRWIITYSADHPLVYDVVLKFAQFLTRACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWVGROKQEWESNSKIIVLCSTRGTRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
DB 421 SEAGVMTWVGROKQEWESNSKIIVLCSTRGTRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
QY 481 AAMNMILPDKRPACFGTYVVCYFSEVSCDGDVVDLFGAARYPPLMDRFEVYFRIQDLE 540
DB 481 AAMNMILPDKRPACFGTYVVCYFSEVSCDGDVVDLFGAARYPPLMDRFEVYFRIQDLE 540
QY 541 MFOGRMHRVGEISGDNVTLRSPGROLRAALDRFRDMQVRCPDWFECCENTLSADQDAPS 600
DB 541 MFOGRMHRVGEISGDNVTLRSPGROLRAALDRFRDMQVRCPDWFECCENTLSADQDAPS 600
QY 601 LDEEVFEERPLPFGTGIYKRAPLVREPGSQACLAIDPLVGEEGAANAVALLEPHLQPRGP 660
DB 601 LDEEVFEERPLPFGTGIYKRAPLVREPGSQACLAIDPLVGEEGAANAVALLEPHLQPRGP 660
QY 661 APOPLHTLVLAABEGALVAAVEPGLADGAAVRLALAGEGACPLLSGPGAGRNSVFLP 720
DB 661 APOPLHTLVLAABEGALVAAVEPGLADGAAVRLALAGEGACPLLSGPGAGRNSVFLP 720
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QY 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEOSLSQACGGCSRPAMVLTDPHT 780
DB 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEOSLSQACGGCSRPAMVLTDPHT 780
QY 781 PYEEBQORSVSDQGYISRSRSPQPEGLTEMEEBEEDODPGKALPLSPEDLESLSLQ 840
DB 781 PYEEBQORSVSDQGYISRSRSPQPEGLTEMEEBEEDODPGKALPLSPEDLESLSLQ 840
QY 841 ROLLEFROLQKNSGMDTMSSESEGPSA 866
DB 841 ROLLEFROLQKNSGMDTMSSESEGPSA 866

RESULT 6

US-10-918-084-1
; Sequence 1, Application US/10918084
; Publication No. US20050013814A1
; GENERAL INFORMATION:
; APPLICANT: MOHLER, Kendall M.
; TITLE OF INVENTION: Methods for Treating Rheumatoid Arthritis Using IL-17 Antagonists
; FILE REFERENCE: 2982-A
; CURRENT APPLICATION NUMBER: US/10/918,084
; CURRENT FILING DATE: 2004-08-13
; PRIOR APPLICATION NUMBER: US/10/033,522
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: US 60/241,230
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patent version 3.1
; SEQ ID NO 1
; LENGTH: 866
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-918-084-1

Query Match 100.0%; Score 4643; DB 17; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVAVGPGILGLILLGLVLAFGASRLDLDRALVCSQPGINCTVKNSTCIDD 60
DB 1 MGAARSPSAVAVGPGILGLILLGLVLAFGASRLDLDRALVCSQPGINCTVKNSTCIDD 60
QY 61 SWIHRNLTSPSSPKDLOQLHFAHQOQDLPVVAHIEWTLQTDASILYLEGAELSVLDLN 120
DB 61 SWIHRNLTSPSSPKDLOQLHFAHQOQDLPVVAHIEWTLQTDASILYLEGAELSVLDLN 120
QY 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGDPNHQSNKF 180
DB 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGDPNHQSNKF 180
QY 181 LVPDCEHARMKVTPPCMSGSLMDPNITVETLEAHQKVSFTLWNESTHYQILLTSFPHM 240
DB 181 LVPDCEHARMKVTPPCMSGSLMDPNITVETLEAHQKVSFTLWNESTHYQILLTSFPHM 240
QY 241 ENHSCFEHMHIIIPARPEEFHORSNVTLTLNKLKCCCHQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHIIIPARPEEFHORSNVTLTLNKLKCCCHQVOIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPDTPPEIPDYMPLVMVFTTGISILLVGSVILLVCMTRLAGPGESEKTSDDTK 360
DB 301 VSCPEMPDTPPEIPDYMPLVMVFTTGISILLVGSVILLVCMTRLAGPGESEKTSDDTK 360
QY 361 YTDGILPAADLIPPLKPKRWIIISADHPLYVDVVKFAQFLLTACGTEVALDILLEBAI 420
DB 361 YTDGILPAADLIPPLKPKRWIIISADHPLYVDVVKFAQFLLTACGTEVALDILLEBAI 420
QY 421 SRAGVMTWVGRKQEWVNSKIIVLCSSGTRAKKQALLGRGAPVRLCDHGKPVGDIFT 480
DB 421 SRAGVMTWVGRKQEWVNSKIIVLCSSGTRAKKQALLGRGAPVRLCDHGKPVGDIFT 480
QY 481 AAMNMLPDPKRPAFCGTIVVVCYFSEVSCDGDVPLFGAAPPYPLMDRFEERYRIODLE 540
DB 481 AAMNMLPDPKRPAFCGTIVVVCYFSEVSCDGDVPLFGAAPPYPLMDRFEERYRIODLE 540

DB 481 AAMNMLPDPKRPAFCGTIVVVCYFSEVSCDGDVPLFGAAPPYPLMDRFEERYRIODLE 540
QY 541 MFOGRMHRVGEISGDNVYASRPGKROLRAALDRFDMQVRCPEMPECENTYSADODAPS 600
DB 541 MFOGRMHRVGEISGDNVYASRPGKROLRAALDRFDMQVRCPEMPECENTYSADODAPS 600
QY 601 LDEEVFEERPLLPPTGIVKRAPLVREPSQACLAIDPLVSEGGAAVAKLEPHILOPRQP 660
DB 601 LDEEVFEERPLLPPTGIVKRAPLVREPSQACLAIDPLVSEGGAAVAKLEPHILOPRQP 660
QY 661 APOPLHTLVLAEEGALVAANVEPGPLADGAANRLALAGEGACPLSGPGGRSVFLFP 720
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DB 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEOSLSQACGGCSRPAMVLTDPHT 780
QY 781 PYEEBQORSVSDQGYISRSRSPQPEGLTEMEEBEEDODPGKALPLSPEDLESLSLQ 840
DB 781 PYEEBQORSVSDQGYISRSRSPQPEGLTEMEEBEEDODPGKALPLSPEDLESLSLQ 840
QY 841 ROLLEFROLQKNSGMDTMSSESEGPSA 866
DB 841 ROLLEFROLQKNSGMDTMSSESEGPSA 866

RESULT 7

US-09-778-971-9
; Sequence 9, Application US/09778971
; Patent No. US20020102639A1
; GENERAL INFORMATION:
; APPLICANT: Shaughnessy, John D.
; TITLE OF INVENTION: Evi27 Gene Sequence and Protein Encoded Thereby
; FILE REFERENCE: D6138
; CURRENT APPLICATION NUMBER: US/09/778,971
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/180,374
; PRIOR FILING DATE: 2000-02-04
; NUMBER OF SEQ ID NOS: 9
; SEQ ID NO 9
; LENGTH: 866
; TYPE: PRT
; ORGANISM: Unknown
; NAME/KEY: peptide
; OTHER INFORMATION: IL-17 receptor protein
US-09-778-971-9

Query Match 99.8%; Score 4636; DB 9; Length 866;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 865; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MGAARSPSAVAVGPGILGLILLGLVLAFGASRLDLDRALVCSQPGINCTVKNSTCIDD 60
DB 1 MGAARSPSAVAVGPGILGLILLGLVLAFGASRLDLDRALVCSQPGINCTVKNSTCIDD 60
QY 61 SWIHRNLTSPSSPKDLOQLHFAHQOQDLPVVAHIEWTLQTDASILYLEGAELSVLDLN 120
DB 61 SWIHRNLTSPSSPKDLOQLHFAHQOQDLPVVAHIEWTLQTDASILYLEGAELSVLDLN 120
QY 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGDPNHQSNKF 180
DB 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGDPNHQSNKF 180
QY 181 LVPDCEHARMKVTPPCMSGSLMDPNITVETLEAHQKVSFTLWNESTHYQILLTSFPHM 240
DB 181 LVPDCEHARMKVTPPCMSGSLMDPNITVETLEAHQKVSFTLWNESTHYQILLTSFPHM 240
QY 241 ENHSCFEHMHIIIPARPEEFHORSNVTLTLNKLKCCCHQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHIIIPARPEEFHORSNVTLTLNKLKCCCHQVOIQPFSSCLNDCLRHSAT 300

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Qy 301 VSCPEMPTPEPIIDYMLWYVFTIGSILLVGSVILLIYCMTRWLAGPSEKSDDTK 360
| | | | |
Db 301 VSCPEMPTPEPIIDYMLWYVFTIGSILLVGSVILLIYCMTRWLAGPSEKSDDTK 360
Qy 361 YTDGLPAADLIIPPLKPKRWIIYSADHPLVYDVVLKFAOFLITACGTEVALDLLEBOAI 420
| | | | |
Db 361 YTDGLPAADLIIPPLKPKRWIIYSADHPLVYDVVLKFAOFLITACGTEVALDLLEBOAI 420
Qy 421 SEAGVMTWVGRQKQEMVESNSKIIVLCSRGTRAKQALLGRGAPVRLRCDHGKPVGDLEFT 480
| | | | |
Db 421 SEAGVMTWVGRQKQEMVESNSKIIVLCSRGTRAKQALLGRGAPVRLRCDHGKPVGDLEFT 480
Qy 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGVDPDLFGAAPPYPLMDRFEERYFRIIDLE 540
| | | | |
Db 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGVDPDLFGAAPPYPLMDRFEERYFRIIDLE 540
Qy 541 MFQGRMHRVGEISGDNVLRSPGGRQLRAALDRFRDMQVRCDFECENLYSADQDAPS 600
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Db 541 MFQGRMHRVGEISGDNVLRSPGGRQLRAALDRFRDMQVRCDFECENLYSADQDAPS 600
Qy 601 LDEVFEEBPLLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKEPHLQPRQP 660
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Db 601 LDEVFEEBPLLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKEPHLQPRQP 660
Qy 661 APOPLHTLVLAABEGALVAABEPGLADGAAVRLALAGEGACPLLSGPGAGRNSVFLFP 720
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Db 661 APOPLHTLVLAABEGALVAABEPGLADGAAVRLALAGEGACPLLSGPGAGRNSVFLFP 720
Qy 721 VDPEDSPGSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSPAMVLTDPHT 780
| | | | |
Db 721 VDPEDSPGSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSPAMVLTDPHT 780
Qy 781 PYEEBQROSVQSDQGYISRSSPQPEGLTEMEBEEBEEDPKKPLPLSPEDLESLSIQ 840
| | | | |
Db 781 PYEEBQROSVQSDQGYISRSSPQPEGLTEMEBEEBEEDPKKPLPLSPEDLESLSIQ 840
Qy 841 ROLLFRQLQKNSGMDTMSSESEGPSA 866
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Db 841 ROLLFRQLQKNSGMDTMSSESEGPSA 866
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RESULT 8
US-09-809-567-3
; Sequence 3, Application US/09809567
; Patent No. US20020045213A1
; GENERAL INFORMATION:
; APPLICANT: Jinq, Shuguan
; TITLE OF INVENTION: IL-17 Receptor Like Molecules and Uses Thereof
; FILE REFERENCE: 01017/36916A
; CURRENT APPLICATION NUMBER: US/09/809,567
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 09/724,460
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 60/189,816
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 810
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-809-567-3
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Query Match 93.8%; Score 4355; DB 9; Length 810;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 810; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 MGAASPPSAVPGPLIGLLILLGLVLAAPGASLRLLDHRALVCSQPGALCTYKNSCTCDD 60
| | | | |
Db 1 MGAASPPSAVPGPLIGLLILLGLVLAAPGASLRLLDHRALVCSQPGALCTYKNSCTCDD 60
Qy 61 SWIHRNLTSSPKDLQIQLFHAFHTQGGDLFPVAHIEMWTLOTDAISILYEGAEISVLQLN 120
| | | | |
Db 61 SWIHRNLTSSPKDLQIQLFHAFHTQGGDLFPVAHIEMWTLOTDAISILYEGAEISVLQLN 120
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Db 61 SWIHRNLTSSPKDLQIQLFHAFHTQGGDLFPVAHIEMWTLOTDAISILYEGAEISVLQLN 120
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Qy 121 TNERLCVAFEEFLSKLRHHRHRWRFTFSHFVYDPODEYVYTHHLKPLIPDGDPMHQSNF 180
| | | | |
Db 121 TNERLCVAFEEFLSKLRHHRHRWRFTFSHFVYDPODEYVYTHHLKPLIPDGDPMHQSNF 180
Qy 181 LVPDCEHARMKYTPCWSGSLMDPNITVETLEAHQLRVSTFLMNESHYOILTSFPHM 240
| | | | |
Db 181 LVPDCEHARMKYTPCWSGSLMDPNITVETLEAHQLRVSTFLMNESHYOILTSFPHM 240
Qy 241 ENHSCFEHMHNIIPARPEEFHQRSNVLTLLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
| | | | |
Db 241 ENHSCFEHMHNIIPARPEEFHQRSNVLTLLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
Qy 301 VSCPEMPTPEPIIDYMLWYVFTIGSILLVGSVILLIYCMTRWLAGPSEKSDDTK 360
| | | | |
Db 301 VSCPEMPTPEPIIDYMLWYVFTIGSILLVGSVILLIYCMTRWLAGPSEKSDDTK 360
Qy 361 YTDGLPAADLIIPPLKPKRWIIYSADHPLVYDVVLKFAOFLITACGTEVALDLLEBOAI 420
| | | | |
Db 361 YTDGLPAADLIIPPLKPKRWIIYSADHPLVYDVVLKFAOFLITACGTEVALDLLEBOAI 420
Qy 421 SEAGVMTWVGRQKQEMVESNSKIIVLCSRGTRAKQALLGRGAPVRLRCDHGKPVGDLEFT 480
| | | | |
Db 421 SEAGVMTWVGRQKQEMVESNSKIIVLCSRGTRAKQALLGRGAPVRLRCDHGKPVGDLEFT 480
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| | | | |
Db 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGVDPDLFGAAPPYPLMDRFEERYFRIIDLE 540
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Db 541 MFQGRMHRVGEISGDNVLRSPGGRQLRAALDRFRDMQVRCDFECENLYSADQDAPS 600
Qy 601 LDEVFEEBPLLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKEPHLQPRQP 660
| | | | |
Db 601 LDEVFEEBPLLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKEPHLQPRQP 660
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Qy 721 VDPEDSPGSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSPAMVLTDPHT 780
| | | | |
Db 721 VDPEDSPGSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSPAMVLTDPHT 780
Qy 781 PYEEBQROSVQSDQGYISRSSPQPEGLTE 810
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Db 781 PYEEBQROSVQSDQGYISRSSPQPEGLTE 810
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RESULT 9
US-10-216-156-3
; Sequence 3, Application US/10216156
; Publication No. US20030099980A1
; GENERAL INFORMATION:
; APPLICANT: Jinq, Shuguan
; TITLE OF INVENTION: IL-17 Receptor Like Molecules and Uses Thereof
; FILE REFERENCE: 01017/36916A
; CURRENT APPLICATION NUMBER: US/10/216,156
; PRIOR FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: US/09/809,567
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 09/724,460
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 60/189,816
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 810
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-216-156-3
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US-10-216-156-3

Query Match 93.8%; Score 4355; DB 14; Length 810;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 810; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLLLGLVLA PGASRLDLDRALVCSQPGINCTVXNSTCLDD 60
DB 1 MGAARSPSAVPGPLGLLLGLVLA PGASRLDLDRALVCSQPGINCTVXNSTCLDD 60
QY 61 SWIHPNLTSSPKDLOIQHFAHQGDLPVAHIEMTLQTDASIIYLBGAELSVQLN 120
DB 61 SWIHPNLTSSPKDLOIQHFAHQGDLPVAHIEMTLQTDASIIYLBGAELSVQLN 120
QY 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVVHHLPKPIPGDDPHQSKNF 180
DB 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVVHHLPKPIPGDDPHQSKNF 180
QY 181 LVPDCEHARKKVTTPCMSSGSLMDPNITVETLEAHQRLVSTLMNESTHYQILITSPPHM 240
DB 181 LVPDCEHARKKVTTPCMSSGSLMDPNITVETLEAHQRLVSTLMNESTHYQILITSPPHM 240
QY 241 ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNKLKCCRHQVOIQPFSSCLNDCLRSAT 300
DB 241 ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNKLKCCRHQVOIQPFSSCLNDCLRSAT 300
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DB 301 VSCPEMDTPEPIPDYMWPLWYWFITGISILVGSVILLVCMWRLAGPSEKYSDDTK 360
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DB 361 YTDGLPADLIPPLKPKRWIIYSADHPLYVDVLFKFAQFLTACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWGRQKQEWESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKEVGDLEFT 480
DB 421 SEAGVMTWGRQKQEWESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKEVGDLEFT 480
QY 481 AAMNMIIIPDFKRPACFGTYVVCYFSEVSCDGDVLDLGAARVYPLMDRFEVYRIQDLE 540
DB 481 AAMNMIIIPDFKRPACFGTYVVCYFSEVSCDGDVLDLGAARVYPLMDRFEVYRIQDLE 540
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DB 541 MFCGRMHRVGEISGDNVYLRSPGRQLRAALDRFRDQVRCDFMFCENTYSADQDAPS 600
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QY 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLGSPGAGRNVFLP 720
DB 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLGSPGAGRNVFLP 720
QY 721 VDPEDSPGSSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAGGCSRPAMVLTDPHT 780
DB 721 VDPEDSPGSSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAGGCSRPAMVLTDPHT 780
QY 781 PYEEORQSVSDQGYISRSSPOPEGLTE 810
DB 781 PYEEORQSVSDQGYISRSSPOPEGLTE 810

RESULT 10
US-10-616-788-3
; Sequence 3, Application US/10616788
; Publication No. US20040048338A1
; GENERAL INFORMATION:
; APPLICANT: Jinq, Shudjan
; TITLE OF INVENTION: IL-17 Receptor Like Molecules and Uses Thereof
; FILE REFERENCE: 01017/39525
; CURRENT APPLICATION NUMBER: US/10/616,788
; CURRENT FILING DATE: 2003-07-10

; PRIOR APPLICATION NUMBER: 09/809,567
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 09/724,460
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 60/189,816
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 810
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-616-788-3

Query Match 93.8%; Score 4355; DB 15; Length 810;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 810; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLLLGLVLA PGASRLDLDRALVCSQPGINCTVXNSTCLDD 60
DB 1 MGAARSPSAVPGPLGLLLGLVLA PGASRLDLDRALVCSQPGINCTVXNSTCLDD 60
QY 61 SWIHPNLTSSPKDLOIQHFAHQGDLPVAHIEMTLQTDASIIYLBGAELSVQLN 120
DB 61 SWIHPNLTSSPKDLOIQHFAHQGDLPVAHIEMTLQTDASIIYLBGAELSVQLN 120
QY 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVVHHLPKPIPGDDPHQSKNF 180
DB 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVVHHLPKPIPGDDPHQSKNF 180
QY 181 LVPDCEHARKKVTTPCMSSGSLMDPNITVETLEAHQRLVSTLMNESTHYQILITSPPHM 240
DB 181 LVPDCEHARKKVTTPCMSSGSLMDPNITVETLEAHQRLVSTLMNESTHYQILITSPPHM 240
QY 241 ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNKLKCCRHQVOIQPFSSCLNDCLRSAT 300
DB 241 ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNKLKCCRHQVOIQPFSSCLNDCLRSAT 300
QY 301 VSCPEMDTPEPIPDYMWPLWYWFITGISILVGSVILLVCMWRLAGPSEKYSDDTK 360
DB 301 VSCPEMDTPEPIPDYMWPLWYWFITGISILVGSVILLVCMWRLAGPSEKYSDDTK 360
QY 361 YTDGLPADLIPPLKPKRWIIYSADHPLYVDVLFKFAQFLTACGTEVALDLLEBOAI 420
DB 361 YTDGLPADLIPPLKPKRWIIYSADHPLYVDVLFKFAQFLTACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWGRQKQEWESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKEVGDLEFT 480
DB 421 SEAGVMTWGRQKQEWESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKEVGDLEFT 480
QY 481 AAMNMIIIPDFKRPACFGTYVVCYFSEVSCDGDVLDLGAARVYPLMDRFEVYRIQDLE 540
DB 481 AAMNMIIIPDFKRPACFGTYVVCYFSEVSCDGDVLDLGAARVYPLMDRFEVYRIQDLE 540
QY 541 MFCGRMHRVGEISGDNVYLRSPGRQLRAALDRFRDQVRCDFMFCENTYSADQDAPS 600
DB 541 MFCGRMHRVGEISGDNVYLRSPGRQLRAALDRFRDQVRCDFMFCENTYSADQDAPS 600
QY 601 LDBEVFEEPLLPFGTGIKRAPLVREPGSQCLAIDPLVGBEGGAVAKLEPHILOPRGQP 660
DB 601 LDBEVFEEPLLPFGTGIKRAPLVREPGSQCLAIDPLVGBEGGAVAKLEPHILOPRGQP 660
QY 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLGSPGAGRNVFLP 720
DB 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLGSPGAGRNVFLP 720
QY 721 VDPEDSPGSSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAGGCSRPAMVLTDPHT 780
DB 721 VDPEDSPGSSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAGGCSRPAMVLTDPHT 780
QY 781 PYEEORQSVSDQGYISRSSPOPEGLTE 810
DB 781 PYEEORQSVSDQGYISRSSPOPEGLTE 810

RESULT 11
US-10-742-161-2
Sequence 2, Application US/10742161
Publication No. US20040120898A1
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
Spriggs, Melanie
Fanslow, William
TITLE OF INVENTION: Novel Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/742,161
FILING DATE: 18-Dec-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694
FILING DATE: 21 MARCH 1996
APPLICATION NUMBER: USSN 08/538,765
FILING DATE: 7 AUGUST 1995
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 864 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-742-161-2

Query Match 65.5%; Score 3042.5; DB 16; Length 864;
Best Local Similarity 67.9%; Pred. No. 6,4e-234;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

QY 1 MGAASPSAVPGPLGLILLGLVAPGASIRLLDHRALVCSQPGINCTKNSCTCDD 60
DB 1 MAIRRCWRVVPSPALGMLILLVLAIPGRASPRLLDPAPYCAQEGSLSCRKNSCTCDD 60
QY 61 SWIHRNLTSPSSPKLOIQLFHATQOQDLFPVAHIEMTLQTDASILYEGAEISVLQIN 120
DB 61 SWIHRNLTSPSSPKKIYINLSVSTQHGELVVLHVETLQTDASILYEGAEISVLQIN 120
QY 121 TNERICVPEPLSKLRHHRRMRFPESHVVDPDQEVETVHLLPKPIPDGDPNQSINF 180
DB 121 TNERICVPEPLSKLRHHRRMRFPESHVVDPDQEVETVHLLPKPIPDGDPNQSINF 180
QY 121 TNERICVPEPLSKLRHHRRMRFPESHVVDPDQEVETVHLLPKPIPDGDPNQSINF 180
DB 121 TNERICVPEPLSKLRHHRRMRFPESHVVDPDQEVETVHLLPKPIPDGDPNQSINF 180
QY 181 LVPDCEHARKMTYTCMSSGSLMDPNITVETLEAQLRVSTFLMNESTHYQILTSFPM 240
DB 181 LVPDCEHARKMTYTCMSSGSLMDPNITVETLEAQLRVSTFLMNESTHYQILTSFPM 240
QY 181 LVPDCEHARKMTYTCMSSGSLMDPNITVETLEAQLRVSTFLMNESTHYQILTSFPM 240
DB 181 LVPDCEHARKMTYTCMSSGSLMDPNITVETLEAQLRVSTFLMNESTHYQILTSFPM 240
QY 241 ENHSCFEMHAIAPRPEEFHQRSVNTLTLRNLKCCCHNOVOIQPFSSCLNDCLRHSA 300
DB 241 ENHSCFEMHAIAPRPEEFHQRSVNTLTLRNLKCCCHNOVOIQPFSSCLNDCLRHSA 300

DB 241 ENHSCFEMHAIAPRPEEFHQRSVNTLTLRNLKCCCHNOVOIQPFSSCLNDCLRHSA 300
QY 301 VSCBEMPT--PEPIPDYMLMTWFTIGSILVGSYILLIVCTWRLAGBSKYSDD 358
DB 301 VPCPISNTVTPKPVADYIPLMVGLITLILVGSYIVAILCMTWRLSGDQKHSDD 360
QY 359 TKYTDGLPADLIPPLPKRKVWIIYSADHLYDVVVKFAPQPLLTACGTVALDLLEQ 418
DB 361 SKINGILVADLTTPPLPKRKVWIIYSADHLYDVVVKFAPQPLLTACGTVALDLLEQ 420
QY 419 AISBAGVTVWGRQKQEVESNSKIIVLCSTGRAPKQALLGRAP-VRLRCDHCKPVGD 477
DB 421 VISEGVMTVWSRQKQEVESNSKIILCSGTQAKMAIIGMAEPVQQLCDHMKPAGD 480
QY 478 LPTAAMNMLIDPFKRPACFGTYVVCYRSVECDGDVPLFGAARPYPLMDRPEEYFRIQ 537
DB 481 LPTAAMNMLIDPFKRPACFGTYVVCYRSVECDGDVPLFGAARPYPLMDRPEEYFRIQ 540
QY 538 DLEMFQGRMRVBEISGDNYLRSPPGRQLBAALDRPDMQVRCDFECENLYSADOD 597
DB 541 DLEMFQGRMRVBEISGDNYLRSPPGRQLBAALDRPDMQVRCDFECENLYSADOD 600
QY 598 APSIDEEVEEPLLPFGTGVKRAPLVREPSQACLAIDPLVGEGBGAAVAKLBEHLQPR 657
DB 601 LPSIDEEVEEPLLPFGGTVKQQLVRELPSDGLVYDVCVSE-ESRMAKLDQLMPO 659
QY 658 GQAPQPLHTVLAEBEALVAVERPGLAD--GAARVLAAGEAEAPLLGSPAGNS 715
DB 660 RELVAHTLQSNVLAPEQVPAHVVEPLHLPGSGAALDLPTEDESEAPLL--GVQNS 716
QY 716 VLPLVPDPEDEPLSGSTFPMASPDLLPEDVREHLEGLMLSTFEQSLSCAOGGCSRPANVL 775
DB 717 ILCPVSDDLPL-CSTFPMASPDHLOQDARQOLSLMSTVQOSISGCPLESWRPEVYL 775
QY 776 TDPIHYEEQROQVSDQGYISRSSPOPEGLTMEEBEEDOPCKPALPLSPEDLES 835
DB 776 -EGCTPSEEQROQVSDQGYISRSSPOPEGLTMEEBEEDOPCKPALPLSPEDLES 829
QY 836 LRSIORQLPRLQLOKSGMDTM-----GSESEGS 865
DB 830 LRLQROLFEWLEKNGMNSLEPRRPTPEONS 864

RESULT 12
US-10-742-372-2
Sequence 2, Application US/10742372
Publication No. US20040120899A1
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
Spriggs, Melanie
Fanslow, William
TITLE OF INVENTION: Novel Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/742,372
FILING DATE: 18-Dec-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694
FILING DATE: 21 MARCH 1996
APPLICATION NUMBER: USSN 08/538,765


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; FILING DATE: 7 AUGUST 1995
; APPLICATION NUMBER: USSN 08/410,535
; FILING DATE: 23 MARCH 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,695
; REFERENCE/DOCKET NUMBER: 2617-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 587-0430
; TELEFAX: (206)
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 864 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-742-372-2

Query Match      65.5%; Score 3042.5; DB 16; Length 864;
Best Local Similarity 67.9%; Pred. No. 6.4e-234;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

QY 1 MGAARSPSAVPGELGLLLGLLVLPAGASRLDLDRALVCSQPGINCTVKNSTCLDD 60
DB 1 MAIRRCMPRVVPGALGWLILLINVLAPGRASPRLLDPAPVCAQEGSLCKVNSTCLDD 60
QY 61 SWIHRNLUTSSPDLQIQLHFAHTQGDLEFPVAHIEMTLQTDASIIYLGAELSVIQLN 120
DB 61 SWIHRNLUTSSPDLQIQLHFAHTQGDLEFPVAHIEMTLQTDASIIYLGAELSVIQLN 120
QY 121 TNERLCYRFEFLSKLRHHRRMRFTFSHFVVDPOEYEVYVNHLPKPIPDGPNHOSKNF 180
DB 121 TNERLCYRFEFLSKLRHHRRMRFTFSHFVVDPOEYEVYVNHLPKPIPDGPNHOSKNF 180
QY 121 TNERLCYRFEFLSKLRHHRRMRFTFSHFVVDPOEYEVYVNHLPKPIPDGPNHOSKNF 180
DB 121 TNERLCYRFEFLSKLRHHRRMRFTFSHFVVDPOEYEVYVNHLPKPIPDGPNHOSKNF 180
QY 181 LVDPCEHARKKVTTPCMSGSLMDPNITVETLEAHQLRVSTLNNESTHYOILLTSPFM 240
DB 181 FVPCEDESKMKMTTSCVSSGSLMDPNITVETLEAHQLRVSTLNNESTHYOILLTSPFM 240
QY 241 ENHSCFEHMHIIIPARBEFQHSNVTLLNLKGCCHQVQIOPFSSCLNDCLRSAT 300
DB 241 ENHSCFEHMHIIIPARBEFQHSNVTLLNLKGCCHQVQIOPFSSCLNDCLRSAT 300
QY 241 ENHSCFEHMHIIIPARBEFQHSNVTLLNLKGCCHQVQIOPFSSCLNDCLRSAT 300
DB 241 ENHSCFEHMHIIIPARBEFQHSNVTLLNLKGCCHQVQIOPFSSCLNDCLRSAT 300
QY 301 VSCCEMPDT--PEIPIPMPLMVMYMTFTGISILVGSYILLIYCGMTRLAGPSEKTSDD 358
DB 301 VPCPVISNTTYPKVVADYIPLMVGILITLAILVGSYIYIICMTRLSGADDEKSGDD 360
QY 359 TKYTDGLPAADLIPPLPKRKVMIYSADHPLVYDVVLKFAQFLITACTEVALDLLEBQ 418
DB 361 SKINGILPVADLTPPLRPRKVMIVYSGADHPLVYEVVLKFAQFLITACTEVALDLLEBQ 420
QY 419 AISAQVMTVYGRKQKQEWESNSKIIVLCISRGRTAKQALIGRAP-VRLRCDHGKPYVD 477
DB 421 VISFVGWMTVWSRKQEWESNSKIILICSRGTQAKMAIIGMAEPVQRLCDHMKPAGD 480
QY 478 LFTAAHMLLPDFRPAFCFGYVVCYSEVSCDDGVDPRLFGAARPYPLMDFFEEVYRIQ 537
DB 481 LFTAAHMLLPDFRPAFCFGYVVCYSEVSCDDGVDPRLFGAARPYPLMDFFEEVYRIQ 540
QY 538 DLEMFQGRMARVVELSGDNYLRSFGROLRAALDRFDMQVRCSPDFECENTLYSADOD 597
DB 541 DLEMFQGRMARVVELSGDNYLRSFGROLRAALDRFDMQVRCSPDFECENTLYSADOD 600
QY 598 APSLDEVEFEERLLPRTGIVYKAPLVREPSQACLAIDPLVSGEGANAVALKEPHLOPR 657
DB 601 LPSLDEVEFEERLLPRTGIVYKAPLVREPSQACLAIDPLVSGEGANAVALKEPHLOPR 659
QY 658 GQAPAPQPLTLVLAESGALVAVERPGLAD--GAAYRLALAGGACPLLGSPAGRNS 715
DB 660 RELVAHNTQSNVLPRAEVOVPAAHVVEPLHLDPGSGAAALPTEDESEACVPL--GVQGRNS 716
QY 716 VLFPLVDPEDSLGSSSTPMASPDLLPEVDVREHLEGLMLSLFEQSLSCAOGGCSRPAMVL 775
DB 716 VLFPLVDPEDSLGSSSTPMASPDLLPEVDVREHLEGLMLSLFEQSLSCAOGGCSRPAMVL 775

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DB 717 ILCLPVDSDDLPL-CSTPMMSPDHLOGDAREQESLMLSVLQSLSCQPLESWPREVVL 775
QY 776 TDHPYEEBOROSVQSDQGYISRSPOPEGLTEMEEEEBODPKPALPLSPEDLES 835
DB 776 -EGTPEEEBOROSVQSDQGYISRSPOPEGLTEMEEEEBODPKPALPLSPEDLES 829
QY 836 LRSIQRLPRLQKNSGWDIM----GSSSEGRS 865
DB 830 LRKIQRLPRLQKNSGWDIM----GSSSEGRS 864

RESULT 13
US-09-854-280-15
; Sequence 15, Application US/09854280
; Patent No. US20020052027A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Jian
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin
; APPLICANT: Li, Hanzhong
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF
; FILE REFERENCE: P1381R1C2
; CURRENT APPLICATION NUMBER: US/09/854,280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/311,832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: US 60/085,579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: US 60/113,621
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 15
; LENGTH: 320
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-280-15

Query Match      38.0%; Score 1764; DB 9; Length 320;
Best Local Similarity 100.0%; Pred. No. 2.8e-132;
Matches 320; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MGAARSPSAVPGELGLLLGLLVLPAGASRLDLDRALVCSQPGINCTVKNSTCLDD 60
QY 61 SWIHRNLUTSSPDLQIQLHFAHTQGDLEFPVAHIEMTLQTDASIIYLGAELSVIQLN 120
DB 61 SWIHRNLUTSSPDLQIQLHFAHTQGDLEFPVAHIEMTLQTDASIIYLGAELSVIQLN 120
QY 121 TNERLCYRFEFLSKLRHHRRMRFTFSHFVVDPOEYEVYVNHLPKPIPDGPNHOSKNF 180
DB 121 TNERLCYRFEFLSKLRHHRRMRFTFSHFVVDPOEYEVYVNHLPKPIPDGPNHOSKNF 180
QY 121 TNERLCYRFEFLSKLRHHRRMRFTFSHFVVDPOEYEVYVNHLPKPIPDGPNHOSKNF 180
DB 121 TNERLCYRFEFLSKLRHHRRMRFTFSHFVVDPOEYEVYVNHLPKPIPDGPNHOSKNF 180
QY 181 LVDPCEHARKKVTTPCMSGSLMDPNITVETLEAHQLRVSTLNNESTHYOILLTSPFM 240
DB 181 LVDPCEHARKKVTTPCMSGSLMDPNITVETLEAHQLRVSTLNNESTHYOILLTSPFM 240
QY 241 ENHSCFEHMHIIIPARBEFQHSNVTLLNLKGCCHQVQIOPFSSCLNDCLRSAT 300
DB 241 ENHSCFEHMHIIIPARBEFQHSNVTLLNLKGCCHQVQIOPFSSCLNDCLRSAT 300
QY 301 VSCCEMPDTPEPIPDYMLW 320
DB 301 VSCCEMPDTPEPIPDYMLW 320

RESULT 14
US-09-854-208-15
; Sequence 15, Application US/09854208
; Patent No. US20020106743A1
; GENERAL INFORMATION:

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APPLICANT: Chen, Jian
APPLICANT: Filvaroff, Ellen
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin
APPLICANT: Li, Hanzhong
APPLICANT: Wood, William I.
TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES
FILE REFERENCE: P1381-R1
CURRENT APPLICATION NUMBER: US/09/854,208
CURRENT FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US/09/311,832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US 60/085,579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 60/113,621
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 15
LENGTH: 320
TYPE: PRT
ORGANISM: Homo sapiens
US-09-854-208-15

Query Match 38.0%; Score 1764; DB 9; Length 320;
Best Local Similarity 100.0%; Pred. No. 2.8e-132;
Matches 320; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPILGLILLGLVLAPEGASLRLLDHRALVCSQPGINCTYKNSCTCDD 60
DB 1 MGAARSPSAVPGPILGLILLGLVLAPEGASLRLLDHRALVCSQPGINCTYKNSCTCDD 60
QY 61 SWIHRNLTPSSPKDQIQLFHFAHQGDLFPVAHIETWLTQTDASILYLEGAEISVLQIN 120
DB 61 SWIHRNLTPSSPKDQIQLFHFAHQGDLFPVAHIETWLTQTDASILYLEGAEISVLQIN 120
QY 121 TNERLCVAFPEFLSKLRHHRRWRFTFSHFVVDPOEYEVTVVHLPKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFPEFLSKLRHHRRWRFTFSHFVVDPOEYEVTVVHLPKPIPDGDPNHQSKNF 180
QY 181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSFLLMNSTHYQILLTSFPHM 240
DB 181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSFLLMNSTHYQILLTSFPHM 240
QY 241 ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPDTPPEIPIDYMLM 320
DB 301 VSCPEMPDTPPEIPIDYMLM 320

RESULT 15
US-09-854-280-22
Sequence 22, Application US/09854280
Patent No. US20020052027A1
GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Filvaroff, Ellen
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin
APPLICANT: Li, Hanzhong
APPLICANT: Wood, William I.
TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF
FILE REFERENCE: P1381R1C2
CURRENT APPLICATION NUMBER: US/09/854,280
CURRENT FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 09/311,832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US 60/085,579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 60/113,621

PRIOR FILING DATE: 1998-12-23
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 22
LENGTH: 328
TYPE: PRT
ORGANISM: Homo sapiens
US-09-854-280-22

Query Match 38.0%; Score 1764; DB 9; Length 328;
Best Local Similarity 100.0%; Pred. No. 2.9e-132;
Matches 320; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MGAARSPSAVPGPILGLILLGLVLAPEGASLRLLDHRALVCSQPGINCTYKNSCTCDD 60
QY 61 SWIHRNLTPSSPKDQIQLFHFAHQGDLFPVAHIETWLTQTDASILYLEGAEISVLQIN 120
DB 61 SWIHRNLTPSSPKDQIQLFHFAHQGDLFPVAHIETWLTQTDASILYLEGAEISVLQIN 120
QY 121 TNERLCVAFPEFLSKLRHHRRWRFTFSHFVVDPOEYEVTVVHLPKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFPEFLSKLRHHRRWRFTFSHFVVDPOEYEVTVVHLPKPIPDGDPNHQSKNF 180
QY 181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSFLLMNSTHYQILLTSFPHM 240
DB 181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSFLLMNSTHYQILLTSFPHM 240
QY 241 ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHIIIPARPEEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPDTPPEIPIDYMLM 320
DB 301 VSCPEMPDTPPEIPIDYMLM 320

Search completed: September 12, 2005, 07:12:40
Job time : 1295 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 12, 2005, 06:50:56 ; Search time 43 Seconds
(without alignments)
1503.397 Million cell updates/sec

Title: US-09-488-728-4
Perfect score: 4643
Sequence: 1 MGARSPSPVAPGLGLL.....QLQKSGMDTMSSEGPSA 866

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA.*

- 1: /cgn2_6/ptodata/1/1aa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/1/1aa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/1/1aa/PTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/1/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4643	100.0	866	2	US-08-620-694A-10
2	4643	100.0	866	3	US-09-022-255-10
3	4643	100.0	866	3	US-09-022-255-10
4	4643	100.0	866	3	US-08-978-773-4
5	4643	100.0	866	3	US-09-022-253-10
6	4643	100.0	866	3	US-09-022-260-10
7	4643	100.0	866	3	US-09-022-259-10
8	4643	100.0	866	3	US-09-022-257-10
9	4643	100.0	866	4	US-09-549-679-10
10	4643	100.0	866	4	US-10-033-522-1
11	3042.5	65.5	864	2	US-08-620-694A-2
12	3042.5	65.5	864	3	US-09-022-255-2
13	3042.5	65.5	864	3	US-09-022-696-2
14	3042.5	65.5	864	3	US-08-978-773-2
15	3042.5	65.5	864	3	US-09-022-253-2
16	3042.5	65.5	864	3	US-09-022-260-2
17	3042.5	65.5	864	3	US-09-022-259-2
18	3042.5	65.5	864	3	US-09-022-257-2
19	3042.5	65.5	864	3	US-09-549-679-2
20	432	9.3	504	4	US-09-949-016-11658
21	426	9.2	502	4	US-09-747-259-12
22	426	9.2	502	4	US-09-816-744-12
23	373	8.0	426	4	US-09-268-311-2
24	373	8.0	426	4	US-09-268-311-3
25	373	8.0	426	4	US-09-154-219-2
26	373	8.0	426	4	US-09-154-219-3
27	373	8.0	426	4	US-09-949-016-6936

28	373	8.0	433	4	US-09-268-311-18	Sequence 18, Appl
29	339	7.3	385	4	US-09-599-360B-106	Sequence 106, App
30	327.5	7.1	728	4	US-09-747-259-18	Sequence 18, Appl
31	327.5	7.1	728	4	US-09-816-744-18	Sequence 18, Appl
32	178	3.8	34	3	US-09-028-937-26	Sequence 26, Appl
33	173.5	3.7	705	4	US-09-747-259-14	Sequence 14, Appl
34	173.5	3.7	705	4	US-09-816-744-14	Sequence 14, Appl
35	141	3.0	617	3	US-09-188-930-303	Sequence 303, App
36	141	3.0	617	4	US-09-312-283C-303	Sequence 16, Appl
37	137	3.0	667	4	US-09-747-259-16	Sequence 16, Appl
38	137	3.0	667	2	US-08-574-959A-7	Sequence 7, Appl
39	131.5	2.8	1135	2	US-08-574-959A-7	Sequence 7, Appl
40	131.5	2.8	1135	3	US-09-357-014-7	Sequence 9, Appl
41	131	2.8	905	2	US-08-574-959A-9	Sequence 9, Appl
42	131	2.8	905	3	US-09-357-014-9	Sequence 9, Appl
43	126.5	2.7	1317	3	US-09-083-521-7	Sequence 7, Appl
44	124	2.7	1740	4	US-09-377-285B-40	Sequence 40, Appl
45	123	2.6	1560	4	US-09-264-512B-2	Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-08-620-694A-10
Sequence 10, Application US/08620694A
Patent No. 5869286
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
APPLICANT: Fanslow, William
TITLE OF INVENTION: No. 5869286el Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694A
FILING DATE: 21 MARCH 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USN 08/538,765
FILING DATE: 7 AUGUST 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-620-694A-10
Query Match 100.0%; Score 4643; DB 2; Length 866;

Best Local Similarity 100.0%; Pred. No. 0;									
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	MGAA	SPSA	VP	AV	GP	LL	GL	LL
Db	1	MGAA	SPSA	VP	AV	GP	LL	GL	LL
Qy	61	SWIH	RNLTP	SS	PK	DLQ	QL	FA	HT
Db	61	SWIH	RNLTP	SS	PK	DLQ	QL	FA	HT
Qy	121	TNER	LC	VA	FE	FL	SK	L	R
Db	121	TNER	LC	VA	FE	FL	SK	L	R
Qy	181	LVPC	EH	ARM	K	VT	TP	CM	SS
Db	181	LVPC	EH	ARM	K	VT	TP	CM	SS
Qy	241	ENHS	CF	EH	M	H	I	P	A
Db	241	ENHS	CF	EH	M	H	I	P	A
Qy	301	VSC	EM	P	T	PE	P	I	D
Db	301	VSC	EM	P	T	PE	P	I	D
Qy	361	YTDG	LP	AD	L	PP	L	K	P
Db	361	YTDG	LP	AD	L	PP	L	K	P
Qy	421	SEAG	MT	W	G	R	O	K	O
Db	421	SEAG	MT	W	G	R	O	K	O
Qy	481	AA	NN	I	L	P	D	F	K
Db	481	AA	NN	I	L	P	D	F	K
Qy	541	ME	Q	P	R	M	R	V	G
Db	541	ME	Q	P	R	M	R	V	G
Qy	601	LD	EE	V	F	E	E	P	E
Db	601	LD	EE	V	F	E	E	P	E
Qy	661	AF	Q	L	H	T	L	V	A
Db	661	AF	Q	L	H	T	L	V	A
Qy	721	VD	PE	S	P	L	S	S	P
Db	721	VD	PE	S	P	L	S	S	P
Qy	781	PI	VE	B	O	R	O	S	V
Db	781	PI	VE	B	O	R	O	S	V
Qy	841	RO	L	F	R	O	L	O	K
Db	841	RO	L	F	R	O	L	O	K

US-09-022-255-10
; Sequence 10, Application US/09022255
; Patent No. 6072033
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; APPLICANT: Spilgus, Melanie
; APPLICANT: Fanslow, William
; TITLE OF INVENTION: No. 6072033el Receptor That Binds IL-17

NUMBER OF SEQUENCES: 10									
CORRESPONDENCE ADDRESS:									
ADDRESS: Immunex Corporation									
STREET: 51 University Street									
CITY: Seattle									
STATE: WA									
COUNTRY: USA									
ZIP: 98101									
COMPUTER READABLE FORM:									
MEDIUM TYPE: Floppy disk									
COMPUTER: Apple Power Macintosh									
OPERATING SYSTEM: Apple Operating System 7.5.5									
SOFTWARE: Microsoft Word for Apple, Version 6.0.1									
CURRENT APPLICATION DATA:									
APPLICATION NUMBER: US/09/022,255									
FILING DATE:									
CLASSIFICATION:									
PRIOR APPLICATION DATA:									
APPLICATION NUMBER: USSN 08/620,694									
FILING DATE: 21 MARCH 1996									
APPLICATION NUMBER: USSN 08/538,765									
FILING DATE: 7 AUGUST 1995									
PRIOR APPLICATION DATA:									
APPLICATION NUMBER: USSN 08/410,535									
FILING DATE: 23 MARCH 1995									
ATTORNEY/AGENT INFORMATION:									
NAME: Perkins, Patricia Anne									
REGISTRATION NUMBER: 34,695									
REFERENCE/DOCKET NUMBER: 2617-B									
TELECOMMUNICATION INFORMATION:									
TELEPHONE: (206) 587-0430									
TELEFAX: (206)									
INFORMATION FOR SEQ ID NO: 10:									
SEQUENCE CHARACTERISTICS:									
LENGTH: 866 amino acids									
TYPE: amino acid									
TOPOLOGY: linear									
MOLECULE TYPE: protein									
US-09-022-255-10									
Query Match 100.0%; Score 4643; DB 3; Length 866;									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	MGAA	SPSA	VP	AV	GP	LL	GL	LL
Db	1	MGAA	SPSA	VP	AV	GP	LL	GL	LL
Qy	61	SWIH	RNLTP	SS	PK	DLQ	QL	FA	HT
Db	61	SWIH	RNLTP	SS	PK	DLQ	QL	FA	HT
Qy	121	TNER	LC	VA	FE	FL	SK	L	R
Db	121	TNER	LC	VA	FE	FL	SK	L	R
Qy	181	LVPC	EH	ARM	K	VT	TP	CM	SS
Db	181	LVPC	EH	ARM	K	VT	TP	CM	SS
Qy	241	ENHS	CF	EH	M	H	I	P	A
Db	241	ENHS	CF	EH	M	H	I	P	A
Qy	301	VSC	EM	P	T	PE	P	I	D
Db	301	VSC	EM	P	T	PE	P	I	D
Qy	361	YTDG	LP	AD	L	PP	L	K	P
Db	361	YTDG	LP	AD	L	PP	L	K	P
Qy	421	SEAG	MT	W	G	R	O	K	O

Db 421 SEAGVMTWVGROKQEMWESNSKIIVLCSRGTRAKQALLGGAIVRLRCDHGKPVGDLFT 480
Qy 481 AAMNMILPDKRPACFGTYVVCYFSEVSCDDVDVDFGAARYPPLMDRFEVYRIODLE 540
Db 481 AAMNMILPDKRPACFGTYVVCYFSEVSCDDVDVDFGAARYPPLMDRFEVYRIODLE 540
Qy 541 MFOGRMHRVGLSGDNVLRSPGGRQLRAALDRFRDMQVRCPDWFECCENTLSADDDAPS 600
Db 541 MFOGRMHRVGLSGDNVLRSPGGRQLRAALDRFRDMQVRCPDWFECCENTLSADDDAPS 600
Qy 601 LDEEVFEERPLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKLEPHLOPRQOP 660
Db 601 LDEEVFEERPLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKLEPHLOPRQOP 660
Qy 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLLSPGAGRNSVFLP 720
Db 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLLSPGAGRNSVFLP 720
Qy 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRAMVLTDPHT 780
Db 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRAMVLTDPHT 780
Qy 781 PYEEORQSVSDQGYISRSSPOPEEGJTEMEEBEEBODPKPALPLSPEDLESLSLQ 840
Db 781 PYEEORQSVSDQGYISRSSPOPEEGJTEMEEBEEBODPKPALPLSPEDLESLSLQ 840
Qy 841 ROLLFROLQKNSGMDTWGSESEGPSA 866
Db 841 ROLLFROLQKNSGMDTWGSESEGPSA 866

RESULT 3

US-09-022-696-10
; Sequence 10, Application US/09022696
; Patent No. 6072037
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhenbin
; APPLICANT: Fanslow, William
; TITLE OF INVENTION: No. 6072037e1 Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: Apple Power Macintosh
; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/022,696
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/620,694
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/410,535
; FILING DATE: 23 MARCH 1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,695
; REFERENCE/DOCKET NUMBER: 2617-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 587-0430
; TELEFAX: (206)

; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 866 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-022-696-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGAARSPSAVPGVLLGLLLGLVLA PGASLRLLDHRALVCSQPGINCTVKNSTCIDD 60
Db 1 MGAARSPSAVPGVLLGLLLGLVLA PGASLRLLDHRALVCSQPGINCTVKNSTCIDD 60
Qy 61 SWIHRNLTSPSSPDLOIQLFPAHQGDLPVVAHIEWTLQTDASILYLEGAELSVIQLN 120
Db 61 SWIHRNLTSPSSPDLOIQLFPAHQGDLPVVAHIEWTLQTDASILYLEGAELSVIQLN 120
Qy 121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
Db 121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
Qy 181 LVDPCEHARMKVTTPCMSGSLMDPNITVETLLEAHQLRVSTFLMNSTHYQILLTSFPHM 240
Db 181 LVDPCEHARMKVTTPCMSGSLMDPNITVETLLEAHQLRVSTFLMNSTHYQILLTSFPHM 240
Qy 241 ENHSCFEHMHIPAPRBEFHQRNSNTLTNLKGCCHQVQIQPFSSCLNDCIRSAT 300
Db 241 ENHSCFEHMHIPAPRBEFHQRNSNTLTNLKGCCHQVQIQPFSSCLNDCIRSAT 300
Qy 301 VSCPEMDTPEPIDWYMLWYVFTGISILVGSVILLVCMWTRLAGPSEKXSDDTK 360
Db 301 VSCPEMDTPEPIDWYMLWYVFTGISILVGSVILLVCMWTRLAGPSEKXSDDTK 360
Qy 361 YTDGLPADLIPPLKPRKWI IYSADHPLVYDVVLKFAQPLTTACGTEVALDLLEQAI 420
Db 361 YTDGLPADLIPPLKPRKWI IYSADHPLVYDVVLKFAQPLTTACGTEVALDLLEQAI 420
Qy 421 SEAGVMTWVGROKQEMWESNSKIIVLCSRGTRAKQALLGGAIVRLRCDHGKPVGDLFT 480
Db 421 SEAGVMTWVGROKQEMWESNSKIIVLCSRGTRAKQALLGGAIVRLRCDHGKPVGDLFT 480
Qy 481 AAMNMILPDKRPACFGTYVVCYFSEVSCDDVDVDFGAARYPPLMDRFEVYRIODLE 540
Db 481 AAMNMILPDKRPACFGTYVVCYFSEVSCDDVDVDFGAARYPPLMDRFEVYRIODLE 540
Qy 541 MFOGRMHRVGLSGDNVLRSPGGRQLRAALDRFRDMQVRCPDWFECCENTLSADDDAPS 600
Db 541 MFOGRMHRVGLSGDNVLRSPGGRQLRAALDRFRDMQVRCPDWFECCENTLSADDDAPS 600
Qy 601 LDEEVFEERPLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKLEPHLOPRQOP 660
Db 601 LDEEVFEERPLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKLEPHLOPRQOP 660
Qy 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLLSPGAGRNSVFLP 720
Db 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLLSPGAGRNSVFLP 720
Qy 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRAMVLTDPHT 780
Db 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRAMVLTDPHT 780
Qy 781 PYEEORQSVSDQGYISRSSPOPEEGJTEMEEBEEBODPKPALPLSPEDLESLSLQ 840
Db 781 PYEEORQSVSDQGYISRSSPOPEEGJTEMEEBEEBODPKPALPLSPEDLESLSLQ 840
Qy 841 ROLLFROLQKNSGMDTWGSESEGPSA 866
Db 841 ROLLFROLQKNSGMDTWGSESEGPSA 866

RESULT 4
US-08-978-773-4
Sequence 4, Application US/08978773
Patent No. 6083906
GENERAL INFORMATION:
APPLICANT: Trout, Anthony
TITLE OF INVENTION: Method of Regulating Nitric Oxide Production
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for PowerMacintosh, Version 6.0.1
CURRENT APPLICATION DATA:
FILING DATE: US/08/978,773
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/052,525
FILING DATE: 27 NOVEMBER 1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2623-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-978-773-4
Query Match 100.0%; Score 4643; DB 3; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MGAASPPSAVDPGLLGLLLGLVLAPEGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
DB 1 MGAASPPSAVDPGLLGLLLGLVLAPEGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
QY 61 SWIHRNLTSSPKQLQQLHFAHQOQGLFPVAHIEWLQTDASILYEGAEISVLQLN 120
DB 61 SWIHRNLTSSPKQLQQLHFAHQOQGLFPVAHIEWLQTDASILYEGAEISVLQLN 120
QY 121 TNERLCVREPEFSKLRHHRMRFTFSHFVNDPDEYEVYVHLPKPIPDGPNHOSKNF 180
DB 121 TNERLCVREPEFSKLRHHRMRFTFSHFVNDPDEYEVYVHLPKPIPDGPNHOSKNF 180
QY 181 LVPDCEHAKMKTTPCMSSGSLMDPNITVELLEAQLRVSFTLMNESTHYQILLTSPFM 240
DB 181 LVPDCEHAKMKTTPCMSSGSLMDPNITVELLEAQLRVSFTLMNESTHYQILLTSPFM 240
QY 241 ENHSCFEHNHHTPARPEEFHORSNTVLTBLKKGCCRRQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHNHHTPARPEEFHORSNTVLTBLKKGCCRRQVOIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPTPEBIPDMPLMVMFTGISILVGSVILLVCMTWRLAGSGEKSXSDPTK 360
DB 301 VSCPEMPTPEBIPDMPLMVMFTGISILVGSVILLVCMTWRLAGSGEKSXSDPTK 360
QY 361 YTDGLPAADLIPPLKPRKRWIIYSADHPLVYDVVLKFAQFLTLTACGTEVALDLLEQAI 420

DB 361 YTDGLPAADLIPPLKPRKRWIIYSADHPLVYDVVLKFAQFLTLTACGTEVALDLLEQAI 420
QY 421 SEAGVMTWVGQKQEMWESNSKIIVLCSGRTRAKQALLGGAAPVRLACDHGKPVGDLFT 480
DB 421 SEAGVMTWVGQKQEMWESNSKIIVLCSGRTRAKQALLGGAAPVRLACDHGKPVGDLFT 480
QY 481 AAMNMLPDPFRPACFGYVVCYFSEVSCDDQVDPDLFGAARVPPLMDRFEFVYFRIQDLE 540
DB 481 AAMNMLPDPFRPACFGYVVCYFSEVSCDDQVDPDLFGAARVPPLMDRFEFVYFRIQDLE 540
QY 541 MFOGRMRVGBLSGDNVTLRSPGGRQLRALDRPDWQVRCPDMECENTLYSADQDAPS 600
DB 541 MFOGRMRVGBLSGDNVTLRSPGGRQLRALDRPDWQVRCPDMECENTLYSADQDAPS 600
QY 601 LDEVFEEBPLPFGIGYKRAPLVREPSQACLAIDPLVGEEGAAYAKLEPHILOPRQP 660
DB 601 LDEVFEEBPLPFGIGYKRAPLVREPSQACLAIDPLVGEEGAAYAKLEPHILOPRQP 660
QY 661 APOPLHTLVLAAREGALVAVEPGPLADGAIVRLALAGEBACPLLSGPGAGRNSVLP 720
DB 661 APOPLHTLVLAAREGALVAVEPGPLADGAIVRLALAGEBACPLLSGPGAGRNSVLP 720
QY 721 VDPEDSPGSSTPMASPDLPEDEVREHLEGLMLSLFEQSLSCQAGGCSRPAMVLTDPHT 780
DB 721 VDPEDSPGSSTPMASPDLPEDEVREHLEGLMLSLFEQSLSCQAGGCSRPAMVLTDPHT 780
QY 781 PYEERQROSVSDQYISRSSPOPEEGITMEBEERERODQKRALPLSPDLESLRLQ 840
DB 781 PYEERQROSVSDQYISRSSPOPEEGITMEBEERERODQKRALPLSPDLESLRLQ 840
QY 841 RQLLFRQLQKNSGMDTMGSESEGPSA 866
DB 841 RQLLFRQLQKNSGMDTMGSESEGPSA 866
RESULT 5
US-09-022-253-10
Sequence 10, Application US/09022253
Patent No. 6096305
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
APPLICANT: Fanslow, William
TITLE OF INVENTION: No. 6096305e1 Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: Apple Power Macintosh
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
FILING DATE: US/09/022,253
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694
FILING DATE: 21-MARCH-1996
APPLICATION NUMBER: USSN 08/538,765
FILING DATE: 7 AUGUST 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne

REGISTRATION NUMBER: 34,695
 REFERENCE/DOCKET NUMBER: 2617-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 587-0430
 TELEFAX: (206)
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 866 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-022-253-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLILLGLVLA PGASRLDLHRA LVCSQPGINCTVKNSTCIDD 60
 DB 1 MGAARSPSAVPGPLGLILLGLVLA PGASRLDLHRA LVCSQPGINCTVKNSTCIDD 60
 QY 61 SWHPRNLTPSSPKDLQQLHFAHQGDLPVVAHIEWTLQTDASILYLBGAELSVQLN 120
 DB 61 SWHPRNLTPSSPKDLQQLHFAHQGDLPVVAHIEWTLQTDASILYLBGAELSVQLN 120
 QY 121 TNERLCVRFELSLRHHRRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
 DB 121 TNERLCVRFELSLRHHRRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
 QY 181 LVDPCEHARMKVTTPCMSGSLMDPNITVETLEAHQLRVSTFLWNSTHYQILLTSPPHM 240
 DB 181 LVDPCEHARMKVTTPCMSGSLMDPNITVETLEAHQLRVSTFLWNSTHYQILLTSPPHM 240
 QY 241 ENHSCFEHMHIPAPRPEEFQORSNVTITLNLKGCCHQVQIQPFSSCLNDCLRISAT 300
 DB 241 ENHSCFEHMHIPAPRPEEFQORSNVTITLNLKGCCHQVQIQPFSSCLNDCLRISAT 300
 QY 301 VSCHEMPTPEPIPDYPMVYVFTGISILVGSVILLIYCMWRLAGPSEKXSDDTK 360
 DB 301 VSCHEMPTPEPIPDYPMVYVFTGISILVGSVILLIYCMWRLAGPSEKXSDDTK 360
 QY 361 YTDGLPAADLIPPLKPRKWIIVYSADHPLYVDVVKFAQPLLTACGTEVALDLLEQAI 420
 DB 361 YTDGLPAADLIPPLKPRKWIIVYSADHPLYVDVVKFAQPLLTACGTEVALDLLEQAI 420
 QY 421 SEAGVMTWVGKQKQBMVESNSKIIVLCSEGTBAKQALLGGAAPVRLCDHGKVGDLFT 480
 DB 421 SEAGVMTWVGKQKQBMVESNSKIIVLCSEGTBAKQALLGGAAPVRLCDHGKVGDLFT 480
 QY 481 AAMMMIIPDFKRPACFGTYVVCYSEVSCDGDVDPDLFGAARVPLMDRFEVYFRIDLE 540
 DB 481 AAMMMIIPDFKRPACFGTYVVCYSEVSCDGDVDPDLFGAARVPLMDRFEVYFRIDLE 540
 QY 541 MFOGMRHVRGELSGDNYLRSPGGROLRAALDRFDMQVRCPDMECNLYSADODAPS 600
 DB 541 MFOGMRHVRGELSGDNYLRSPGGROLRAALDRFDMQVRCPDMECNLYSADODAPS 600
 QY 601 LDEEVFEERPLLPGGTGYKRAPLVREPGSQACLAIDPLVSGEAGAAVAKLEPHILOPQOP 660
 DB 601 LDEEVFEERPLLPGGTGYKRAPLVREPGSQACLAIDPLVSGEAGAAVAKLEPHILOPQOP 660
 QY 661 APOPLHTLVLAESGALVAAPVPGPLADGAARVLAAGEGACPLLSRGAGRNVLP 720
 DB 661 APOPLHTLVLAESGALVAAPVPGPLADGAARVLAAGEGACPLLSRGAGRNVLP 720
 QY 721 VDPEDSPGSSTPMASPDLLPEDVREHLGLMLSLFEQSLSCQAQSGSRPAMVLTDBHT 780
 DB 721 VDPEDSPGSSTPMASPDLLPEDVREHLGLMLSLFEQSLSCQAQSGSRPAMVLTDBHT 780
 QY 781 PYEEBQROSVSDQGYISRSSPQPEEGITEMEVEEEOQDPKAPLPLSPEDLSLRSLQ 840
 DB 781 PYEEBQROSVSDQGYISRSSPQPEEGITEMEVEEEOQDPKAPLPLSPEDLSLRSLQ 840

QY 841 ROLLFROLQKSGMDTWGSESEGPSA 866
 DB 841 ROLLFROLQKSGMDTWGSESEGPSA 866

RESULT 6
 US-09-022-260-10
 Sequence 10, Application US/09022260
 Patent No. 6100235
 GENERAL INFORMATION:
 APPLICANT: Yao, Zhengbin
 APPLICANT: Spriggs, Melanie
 APPLICANT: Fanslow, William
 TITLE OF INVENTION: No. 6100235el Receptor That Binds IL-17
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Immunex Corporation
 STREET: 51 University Street
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: Apple Power Macintosh
 OPERATING SYSTEM: Apple Operating System 7.5.5
 SOFTWARE: Microsoft Word for Apple, Version 6.0.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/022,260
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/620,694
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: USN 08/410,535
 FILING DATE: 23 MARCH 1995
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Perkins, Patricia Anne
 REGISTRATION NUMBER: 34,695
 REFERENCE/DOCKET NUMBER: 2617-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 587-0430
 TELEFAX: (206)
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 866 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-022-260-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLILLGLVLA PGASRLDLHRA LVCSQPGINCTVKNSTCIDD 60
 DB 1 MGAARSPSAVPGPLGLILLGLVLA PGASRLDLHRA LVCSQPGINCTVKNSTCIDD 60
 QY 61 SWHPRNLTPSSPKDLQQLHFAHQGDLPVVAHIEWTLQTDASILYLBGAELSVQLN 120
 DB 61 SWHPRNLTPSSPKDLQQLHFAHQGDLPVVAHIEWTLQTDASILYLBGAELSVQLN 120
 QY 121 TNERLCVRFELSLRHHRRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
 DB 121 TNERLCVRFELSLRHHRRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
 QY 181 LVDPCEHARMKVTTPCMSGSLMDPNITVETLEAHQLRVSTFLWNSTHYQILLTSPPHM 240
 DB 181 LVDPCEHARMKVTTPCMSGSLMDPNITVETLEAHQLRVSTFLWNSTHYQILLTSPPHM 240

QY 241 ENHSCFEHMHII PAPREBFHORSNTVLTLRNLKGCCHQVOLOPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHII PAPREBFHORSNTVLTLRNLKGCCHQVOLOPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLIVCMTRLAGPGSEKSDDTK 360
DB 301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLIVCMTRLAGPGSEKSDDTK 360
QY 361 YTDGLPADLIPPLKPKRWIITISADHPLVYDVVKFQFLITACGTEVALDLLEBOAI 420
DB 361 YTDGLPADLIPPLKPKRWIITISADHPLVYDVVKFQFLITACGTEVALDLLEBOAI 420
QY 421 SEAGVMTVGRQKQEWESNSKIIVLCSGRTAKQALGGRGAPVRLRCDHGKPVGDLFT 480
DB 421 SEAGVMTVGRQKQEWESNSKIIVLCSGRTAKQALGGRGAPVRLRCDHGKPVGDLFT 480
QY 481 AAMNMILPDKRPAFCGTYVVCYFSEVSCDGDVDPDLFGAAPPYPLMDREBEVYFRIODLE 540
DB 481 AAMNMILPDKRPAFCGTYVVCYFSEVSCDGDVDPDLFGAAPPYPLMDREBEVYFRIODLE 540
QY 541 MFOGMRHVRVGLSGDNVLRSPGGRQLRALDRFRDMQVRCDFWECENLYSADQDAPS 600
DB 541 MFOGMRHVRVGLSGDNVLRSPGGRQLRALDRFRDMQVRCDFWECENLYSADQDAPS 600
QY 601 LDEEVEEPLLPFGTGIYKRAPLVREPSQACLAIDPLVGBEGGAAVAKLEPHLOPRGP 660
DB 601 LDEEVEEPLLPFGTGIYKRAPLVREPSQACLAIDPLVGBEGGAAVAKLEPHLOPRGP 660
QY 661 APOPLHTLVLAABEGALVAAVEBGPLADGAAVRLALAGEGACPLLSFGAGRNSVFLP 720
DB 661 APOPLHTLVLAABEGALVAAVEBGPLADGAAVRLALAGEGACPLLSFGAGRNSVFLP 720
QY 721 VBPESPLGSSTPMASPDLLPBDVREHLEGLMLSLFEOGLSCQAGGCRPMVLTDPRT 780
DB 721 VBPESPLGSSTPMASPDLLPBDVREHLEGLMLSLFEOGLSCQAGGCRPMVLTDPRT 780
QY 781 PVEEEROSVODQGYISRSSPOPEGLTEMEEEEBEEDPGKPLPLSPEDLESRLSQ 840
DB 781 PVEEEROSVODQGYISRSSPOPEGLTEMEEEEBEEDPGKPLPLSPEDLESRLSQ 840
QY 841 ROLLFRQLOKNSGMDTMSSEGPSA 866
DB 841 ROLLFRQLOKNSGMDTMSSEGPSA 866

RESULT 7
US-09-022-259-10
Sequence 10, Application US/09022259
Patent No. 6191104
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spitzers, Melanie
APPLICANT: Fawlow, William
TITLE OF INVENTION: No. 6191104e1 Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,259
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/620,694
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-022-259-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLILLGLVAPGASIRLDHRAIVCSQPGINCTVKNSTCDD 60
DB 1 MGAARSPSAVPGPLGLILLGLVAPGASIRLDHRAIVCSQPGINCTVKNSTCDD 60
QY 61 SWIHRNLTSPSPKLOLQILFHAHQGDLPVVAHIEWTLQTDASILYLEGAEISVLQIN 120
DB 61 SWIHRNLTSPSPKLOLQILFHAHQGDLPVVAHIEWTLQTDASILYLEGAEISVLQIN 120
QY 121 TNERLCVPEFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGDPNQSINF 180
DB 121 TNERLCVPEFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGDPNQSINF 180
QY 181 LVPOCEHARMVTTTPCMSSGLMPNITVETLEAHQALVSTLIMNETHYQILTSFPHM 240
DB 181 LVPOCEHARMVTTTPCMSSGLMPNITVETLEAHQALVSTLIMNETHYQILTSFPHM 240
QY 241 ENHSCFEHMHII PAPREBFHORSNTVLTLRNLKGCCHQVOLOPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHII PAPREBFHORSNTVLTLRNLKGCCHQVOLOPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLIVCMTRLAGPGSEKSDDTK 360
DB 301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLIVCMTRLAGPGSEKSDDTK 360
QY 361 YTDGLPADLIPPLKPKRWIITISADHPLVYDVVKFQFLITACGTEVALDLLEBOAI 420
DB 361 YTDGLPADLIPPLKPKRWIITISADHPLVYDVVKFQFLITACGTEVALDLLEBOAI 420
QY 421 SEAGVMTVGRQKQEWESNSKIIVLCSGRTAKQALGGRGAPVRLRCDHGKPVGDLFT 480
DB 421 SEAGVMTVGRQKQEWESNSKIIVLCSGRTAKQALGGRGAPVRLRCDHGKPVGDLFT 480
QY 481 AAMNMILPDKRPAFCGTYVVCYFSEVSCDGDVDPDLFGAAPPYPLMDREBEVYFRIODLE 540
DB 481 AAMNMILPDKRPAFCGTYVVCYFSEVSCDGDVDPDLFGAAPPYPLMDREBEVYFRIODLE 540
QY 541 MFOGMRHVRVGLSGDNVLRSPGGRQLRALDRFRDMQVRCDFWECENLYSADQDAPS 600
DB 541 MFOGMRHVRVGLSGDNVLRSPGGRQLRALDRFRDMQVRCDFWECENLYSADQDAPS 600
QY 601 LDEEVEEPLLPFGTGIYKRAPLVREPSQACLAIDPLVGBEGGAAVAKLEPHLOPRGP 660
DB 601 LDEEVEEPLLPFGTGIYKRAPLVREPSQACLAIDPLVGBEGGAAVAKLEPHLOPRGP 660
QY 661 APOPLHTLVLAABEGALVAAVEBGPLADGAAVRLALAGEGACPLLSFGAGRNSVFLP 720
DB 661 APOPLHTLVLAABEGALVAAVEBGPLADGAAVRLALAGEGACPLLSFGAGRNSVFLP 720

Qy 721 VDPEDSPGSGSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRPAWLTDPHT 780
Db 721 VDPEDSPGSGSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRPAWLTDPHT 780
Qy 781 PYEEORQSVSDQGYISRSRSPQPEGLTEMEEEEEEBQDPKALPLSPEDLESLSLQ 840
Db 781 PYEEORQSVSDQGYISRSRSPQPEGLTEMEEEEEEBQDPKALPLSPEDLESLSLQ 840
Qy 841 ROLLFROLQKXSGMDTWGSESEGPSA 866
Db 841 ROLLFROLQKXSGMDTWGSESEGPSA 866

RESULT 8
US-09-022-257-10
Sequence 10, Application US/09022257
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
APPLICANT: Panfelow, William
TITLE OF INVENTION: No. 6197525e1 Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,257
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/620,694
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-022-257-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGAASPPSAVGGPILGILLILGLTAGGASIRLLDRALVCSQPGNCTVKNSTCDD 60
Db 1 MGAASPPSAVGGPILGILLILGLTAGGASIRLLDRALVCSQPGNCTVKNSTCDD 60
Qy 61 SWIHRNLTSSPKDLQIQLHFAHTQGGDLFPVAHIEMWTLOTDSILYLEGAELSVLQIN 120

Db 61 SWIHRNLTSSPKDLQIQLHFAHTQGGDLFPVAHIEMWTLOTDSILYLEGAELSVLQIN 120
Qy 121 TNERLCYRFEPLSLGLRHHRRMRFTFSHPYVDPDOEYEVYHLPKPIPDGDPNHQSKNF 180
Db 121 TNERLCYRFEPLSLGLRHHRRMRFTFSHPYVDPDOEYEVYHLPKPIPDGDPNHQSKNF 180
Qy 181 LVDPCEHARKVVTTPCMSSGLMDPNITVETLEAHQURVSPFTLWNESTHYQIILTSFPHM 240
Db 181 LVDPCEHARKVVTTPCMSSGLMDPNITVETLEAHQURVSPFTLWNESTHYQIILTSFPHM 240
Qy 241 ENHSCFEMHNIIPAPRPEEFHQRNSNTLTIRNLKGCRRHOVOLOPFSSCLNDLRSAT 300
Db 241 ENHSCFEMHNIIPAPRPEEFHQRNSNTLTIRNLKGCRRHOVOLOPFSSCLNDLRSAT 300
Qy 301 VSCPEMDTPEPIPDYPLWYVFTTGISILVGSVILLIVCMTWRLAGPSEKXSDTK 360
Db 301 VSCPEMDTPEPIPDYPLWYVFTTGISILVGSVILLIVCMTWRLAGPSEKXSDTK 360
Qy 361 YTDGLPAADLIPPLKPKRWIYISADHPLYVDVLFKAQFLTACGTEVALDLLEQAI 420
Db 361 YTDGLPAADLIPPLKPKRWIYISADHPLYVDVLFKAQFLTACGTEVALDLLEQAI 420
Qy 421 SEAGVMTWVGROKQEMVENSKIIVLCRGTAKWQALLRGAPVRLRCHGKRVGDLFT 480
Db 421 SEAGVMTWVGROKQEMVENSKIIVLCRGTAKWQALLRGAPVRLRCHGKRVGDLFT 480
Qy 481 AAMMMILPDFKRPACFGTYVYCYFSEVSCDGDVVDLFGAARPYPLMDRFEVYFRIDLE 540
Db 481 AAMMMILPDFKRPACFGTYVYCYFSEVSCDGDVVDLFGAARPYPLMDRFEVYFRIDLE 540
Qy 541 MFOGRMHRVGLSGDNVYLSPGGRQURALDRFRDQVRCDFMECENTYSADODAPS 600
Db 541 MFOGRMHRVGLSGDNVYLSPGGRQURALDRFRDQVRCDFMECENTYSADODAPS 600
Qy 601 LDEEVFEPLPPEGTGIVKAPLVREBGSQCLALIDPLVGEEGAAYAKLEPHIOPKQP 660
Db 601 LDEEVFEPLPPEGTGIVKAPLVREBGSQCLALIDPLVGEEGAAYAKLEPHIOPKQP 660
Qy 661 APOPLHTLVLAEEGALVAAVEPGLADGAVRLALAGEBACPLSPGAGRNVLELP 720
Db 661 APOPLHTLVLAEEGALVAAVEPGLADGAVRLALAGEBACPLSPGAGRNVLELP 720
Qy 721 VDPEDSPGSGSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRPAWLTDPHT 780
Db 721 VDPEDSPGSGSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRPAWLTDPHT 780
Qy 781 PYEEORQSVSDQGYISRSRSPQPEGLTEMEEEEEEBQDPKALPLSPEDLESLSLQ 840
Db 781 PYEEORQSVSDQGYISRSRSPQPEGLTEMEEEEEEBQDPKALPLSPEDLESLSLQ 840
Qy 841 ROLLFROLQKXSGMDTWGSESEGPSA 866
Db 841 ROLLFROLQKXSGMDTWGSESEGPSA 866

RESULT 9
US-09-549-679-10
Sequence 10, Application US/09549679
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
APPLICANT: Panfelow, William
TITLE OF INVENTION: No. 6680057e1 Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:

```
/
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: Apple Power Macintosh
/ OPERATING SYSTEM: Apple Operating System 7.5.5
/ SOFTWARE: Microsoft Word for Apple, Version 6.0.1
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/549,679
/ FILING DATE: 14-Apr-2000
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/620,694
/ FILING DATE: <Unknown>
/ APPLICATION NUMBER: USSN 08/410,535
/ FILING DATE: 23 MARCH 1995
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Perkins, Patricia Anne
/ REGISTRATION NUMBER: 34,695
/ REFERENCE/DOCKET NUMBER: 2617-B
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206)587-0430
/ TELEFAX: (206)
/
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 866 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-549-679-10

Query Match      100.0%; Score 4643; DB 4; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MGAARPPSAVPGPLGLLLGLVLAAPGASRLLDHRAIVCSQPGINCTVKNSTCDD 60
DB      1 MGAARPPSAVPGPLGLLLGLVLAAPGASRLLDHRAIVCSQPGINCTVKNSTCDD 60
QY      61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAELSVLQIN 120
DB      61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAELSVLQIN 120
QY      121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
DB      121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
QY      121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
DB      121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
QY      181 LVPDCEHARKVTTTPCMSSGSLMDPNITVETLEAHLQKRVSTFLNMESTHYOILLTSPFM 240
DB      181 LVPDCEHARKVTTTPCMSSGSLMDPNITVETLEAHLQKRVSTFLNMESTHYOILLTSPFM 240
QY      241 ENHSCFEHMHIIIPAPREEFHQRNSVTTLTANLKGCCRHQVOIQPFSSCLNDCLRHSAT 300
DB      241 ENHSCFEHMHIIIPAPREEFHQRNSVTTLTANLKGCCRHQVOIQPFSSCLNDCLRHSAT 300
QY      241 ENHSCFEHMHIIIPAPREEFHQRNSVTTLTANLKGCCRHQVOIQPFSSCLNDCLRHSAT 300
DB      241 ENHSCFEHMHIIIPAPREEFHQRNSVTTLTANLKGCCRHQVOIQPFSSCLNDCLRHSAT 300
QY      301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLVCMWRLAGPSSEKYSDDTK 360
DB      301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLVCMWRLAGPSSEKYSDDTK 360
QY      301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLVCMWRLAGPSSEKYSDDTK 360
DB      301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLVCMWRLAGPSSEKYSDDTK 360
QY      361 YTDGLPAADLIPPLKPKVWIIYSADHPLVYDVVLFKFAOFLTLACGTEVALDLLEBOAI 420
DB      361 YTDGLPAADLIPPLKPKVWIIYSADHPLVYDVVLFKFAOFLTLACGTEVALDLLEBOAI 420
QY      421 SEAGVTVWVGROKQEWVESNKIIIVLCSRGTRAKQALGRGAPVYLRCDHKSPVQDLFT 480
DB      421 SEAGVTVWVGROKQEWVESNKIIIVLCSRGTRAKQALGRGAPVYLRCDHKSPVQDLFT 480
QY      481 AAMNMTLPPKRPACGTYVVCYFSEVSCDGDVDFGAAPRYPLMDRFEVYFRIQDLE 540
DB      481 AAMNMTLPPKRPACGTYVVCYFSEVSCDGDVDFGAAPRYPLMDRFEVYFRIQDLE 540
QY      541 MPOPGMHRVGLSGNNTLRSPGGRQLRAALDRFRDMOVRCPDMFECENLYSADODDAS 600
DB      541 MPOPGMHRVGLSGNNTLRSPGGRQLRAALDRFRDMOVRCPDMFECENLYSADODDAS 600
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QY      601 IDEEVEFEPILPFGTGVKRAPIVREPSQACLAIDPLVGEEGAVALKEBHLQPRGCP 660
DB      601 IDEEVEFEPILPFGTGVKRAPIVREPSQACLAIDPLVGEEGAVALKEBHLQPRGCP 660
QY      661 APOPLHTVLAAEEGALVAAVEPGPLADGAIVRLALAGEGACPLLSPGAGRNSVLPPLP 720
DB      661 APOPLHTVLAAEEGALVAAVEPGPLADGAIVRLALAGEGACPLLSPGAGRNSVLPPLP 720
QY      721 VDPEDSPIGSSSTPMASPDLLPEDVREHLEGLMLSLFESLSLCSQAQGGCSRPMAMVLTDPHT 780
DB      721 VDPEDSPIGSSSTPMASPDLLPEDVREHLEGLMLSLFESLSLCSQAQGGCSRPMAMVLTDPHT 780
QY      781 PYEEERQSVSDGYSIRSSPOPEEGITEMEEREEERQDPGKPALPLSPEDLSLRSLQ 840
DB      781 PYEEERQSVSDGYSIRSSPOPEEGITEMEEREEERQDPGKPALPLSPEDLSLRSLQ 840
QY      841 RQLLFRQLQKNSGMDWTMGSESEGP9A 866
DB      841 RQLLFRQLQKNSGMDWTMGSESEGP9A 866

RESULT 10
US-10-033-522-1
/ Sequence 1, Application US/10033522
/ Patent No. 6793919
/ GENERAL INFORMATION:
/ APPLICANT: MOHLER, Kendall M.
/ TITLE OF INVENTION: Methods for Treating Rheumatoid Arthritis Using IL-17 Antagonists
/ FIVE REFERENCE: 2982-A
/ CURRENT APPLICATION NUMBER: US/10/033,522
/ CURRENT FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: US 60/241,230
/ PRIOR FILING DATE: 2000-10-18
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1
/ LENGTH: 866
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-033-522-1

Query Match      100.0%; Score 4643; DB 4; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MGAARPPSAVPGPLGLLLGLVLAAPGASRLLDHRAIVCSQPGINCTVKNSTCDD 60
DB      1 MGAARPPSAVPGPLGLLLGLVLAAPGASRLLDHRAIVCSQPGINCTVKNSTCDD 60
QY      61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAELSVLQIN 120
DB      61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAELSVLQIN 120
QY      121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
DB      121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
QY      121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
DB      121 TNERLCVRFELSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
QY      181 LVPDCEHARKVTTTPCMSSGSLMDPNITVETLEAHLQKRVSTFLNMESTHYOILLTSPFM 240
DB      181 LVPDCEHARKVTTTPCMSSGSLMDPNITVETLEAHLQKRVSTFLNMESTHYOILLTSPFM 240
QY      241 ENHSCFEHMHIIIPAPREEFHQRNSVTTLTANLKGCCRHQVOIQPFSSCLNDCLRHSAT 300
DB      241 ENHSCFEHMHIIIPAPREEFHQRNSVTTLTANLKGCCRHQVOIQPFSSCLNDCLRHSAT 300
QY      301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLVCMWRLAGPSSEKYSDDTK 360
DB      301 VSCPEMPTPEPIPDYMLVYWFITGISILLVGSVILLVCMWRLAGPSSEKYSDDTK 360
QY      361 YTDGLPAADLIPPLKPKVWIIYSADHPLVYDVVLFKFAOFLTLACGTEVALDLLEBOAI 420
DB      361 YTDGLPAADLIPPLKPKVWIIYSADHPLVYDVVLFKFAOFLTLACGTEVALDLLEBOAI 420
```

QY 421 SEAGVMTWVGROKQEMVESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKEVGDLEFT 480
 DB 421 SEAGVMTWVGROKQEMVESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKEVGDLEFT 480
 QY 481 AAMNMILPDFKRPACFGTYVVCYSEVSCDGDVDFGAPRYPLMDRFEFVYRIODLE 540
 DB 481 AAMNMILPDFKRPACFGTYVVCYSEVSCDGDVDFGAPRYPLMDRFEFVYRIODLE 540
 QY 541 MFOGRMRHVGELSNDVYLRSGRQRLAALDRFRDQVRCEDMFECECNLYSADDOAPS 600
 DB 541 MFOGRMRHVGELSNDVYLRSGRQRLAALDRFRDQVRCEDMFECECNLYSADDOAPS 600
 QY 601 LDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAATAKLEPHLQPRGP 660
 DB 601 LDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAATAKLEPHLQPRGP 660
 QY 661 APQPLHTLVLAEEGALVAAYVEPGPLADGAIVRLALAGEGACPLGSPGAGRNSVLFPL 720
 DB 661 APQPLHTLVLAEEGALVAAYVEPGPLADGAIVRLALAGEGACPLGSPGAGRNSVLFPL 720
 QY 721 VDPEDSPGSGSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAQGGCSPAMVLTDPHT 780
 DB 721 VDPEDSPGSGSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAQGGCSPAMVLTDPHT 780
 QY 781 PYEEORQSVSDQGYISRSQPPPEGLTMEEBEERODPGKPLPLSPEDLSLSLQ 840
 DB 781 PYEEORQSVSDQGYISRSQPPPEGLTMEEBEERODPGKPLPLSPEDLSLSLQ 840
 QY 841 ROLLFRQLQKNSGMDTWGSESEGPSA 866
 DB 841 ROLLFRQLQKNSGMDTWGSESEGPSA 866

RESULT 11

US-08-620-694A-2
 ; Sequence 2, Application US/08620694A
 ; Patent No. 5869286
 ; GENERAL INFORMATION:
 ; APPLICANT: Yao, Zhengbin
 ; APPLICANT: Spriggs, Melanie
 ; APPLICANT: Fanslow, William
 ; TITLE OF INVENTION: No. 5869286e1 Receptor That Binds IL-17
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Immunex Corporation
 ; STREET: 51 University Street
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ; ZIP: 98101
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: Apple Power Macintosh
 ; OPERATING SYSTEM: Apple Operating System 7.5.5
 ; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/620,694A
 ; FILING DATE: 21 MARCH 1996
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: USN 08/538,765
 ; FILING DATE: 7 AUGUST 1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: USN 08/410,535
 ; FILING DATE: 23 MARCH 1995
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Perkins, Patricia, Anne
 ; REGISTRATION NUMBER: 34,695
 ; REFERENCE/DOCKET NUMBER: 2617-B
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 587-0430

TELEFAX: (206)
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 864 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-620-694A-2
 Query Match 65.5%; Score 3042.5; DB 2; Length 864;
 Best Local Similarity 67.9%; Pred. No. 7.6e-287;
 Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;
 QY 1 MGAARSPSAVPGPLIGLILLGLVLAAGASRLDLRALVCSQEPANCTVKNSTCLDD 60
 DB 1 MARRCMRPRVPGALGMILLINLVLAAGRASPLLDPAVPCQBELSKRVKSTCLDD 60
 QY 61 SWIHPNLTSPSSPKDLOIQLFPAHTQGDLPVAVIHWITLQTDASIIYLGAEISVTLQ 120
 DB 61 SWIHPKULTPSSPKNITINISVSTGHGELVPVLVHWITLQTDASIIYLGAEISVTLQ 120
 QY 121 TNERLCYRFEFLSLRHHHRMRFTESHFVVDPROQEYVTVHLPKPIPDGDPVHOSKNF 180
 DB 121 TNERLCYKQFPLSLQHRRKMRFSHFVVDPEQEEYVTVHLPKPIPDGDPVHOSKNF 180
 QY 181 LVDPCEHARKMVTTPCMSGSLMDPNTIVETLEAHQLRVSTFLMNSTHYQIILTSPPM 240
 DB 181 FVPDCEHARKMVTTPCMSGSLMDPNTIVETLEAHQLRVSTFLMNSTHYQIILTSPPM 240
 QY 241 ENHSCFEMHHIIPAPREPEFHQRSNVTLTLNLKGCRRHOVOIOPFSSCLNDCLRHSAT 300
 DB 241 ENHSCFDPVVKIIPAPROEFHQANVTFTLSKPFMCCHHVQVOPFSSCLNDCLRHSAT 300
 QY 301 VSCPEMPDT--PEIPIYMLPVYVFTIGSIIIVGSVILLVCMTRLRPGSEKXSD 358
 DB 301 VPCVVISNTVVKPVADYIPLMVYGLITLLAIIIVGSVIVLITMTRLSGADQEKGGD 360
 QY 359 TKYTDGLPADLIPPLPKPRKVMIIYSADHPLVYDVVLKFAQPLITACGTEVALDLLEQ 418
 DB 361 SKINGILPVADLTPLPRPKRMVIVSADHPLVYEVVLKFAQPLITACGTEVALDLLEQ 420
 QY 419 AISEAGVMTWVGROKQEMVESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKEVGD 477
 DB 421 VISEGVMTWVSRQKQEMVESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKEVGD 480
 QY 478 LFTAAAMMILPDFKRPACFGTYVVCYSEVSCDGDVDFGAPRYPLMDRFEFVYRIQ 537
 DB 481 LFTAAAMMILPDFKRPACFGTYVVCYSEVSCDGDVDFGAPRYPLMDRFEFVYRIQ 540
 QY 538 DLEWFOGRMRHVGELSNDVYLRSGRQRLAALDRFRDQVRCEDMFECECNLYSADDO 597
 DB 541 DLEWFOGRMRHVGELSNDVYLRSGRQRLAALDRFRDQVRCEDMFECECNLYSADDO 600
 QY 598 APSIDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAATAKLEPHLQPR 657
 DB 601 LPSIDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAATAKLEPHLQPR 659
 QY 658 GQAPQPLHTLVLAEEGALVAAYVEPGPLAD--GAAYRLALAGEGACPLGSPGAGRNS 715
 DB 660 RELVAHTLOSVMVLAEEGALVAAYVEPGPLAD--GAAYRLALAGEGACPLGSPGAGRNS 716
 QY 716 VLPVDPEDSPGSGSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAQGGCSPAMVLTDPHT 775
 DB 717 ILCLPVDSDPL--CSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAQGGCSPAMVLTDPHT 775
 QY 776 TDPTPYEEORQSVSDQGYISRSQPPPEGLTMEEBEERODPGKPLPLSPEDLSLSLQ 835
 DB 776 -EGCTPYEEORQSVSDQGYISRSQPPPEGLTMEEBEERODPGKPLPLSPEDLSLSLQ 829
 QY 836 LRSIORQLFRQLQKNSGMDTW-----GSSBEGS 865
 DB 830 LRKLORQLFRQLQKNSGMDTW-----GSSBEGS 864

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RESULT 12
US-09-022-255-2
; Sequence 2, Application US/09022255
; Patent No. 6072033
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; APPLICANT: Spriggs, Melanie
; APPLICANT: Fanelow, William
; TITLE OF INVENTION: No. 6072033e1 Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/022,255
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/620,694
; FILING DATE: 21 MARCH 1996
; APPLICATION NUMBER: USSN 08/538,765
; FILING DATE: 7 AUGUST 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/410,535
; FILING DATE: 23 MARCH 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,695
; REFERENCE/DOCKET NUMBER: 2617-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 587-0430
; TELEFAX: (206) 587-0430
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 864 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-022-255-2

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Query Match      65.5%; Score 3042.5; DB 3; Length 864;
Beet Local Similarity 67.9%; Pred. No. 7.6e-287;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;
QY 1 MGAASPPSAVDPGLGLLLGLVLAAPGASLRLLDHRALVCSOPGILNCTVKNSTCDD 60
DB 1 MAIRRCWPRVVPALGMLLLLVLAAPRASPRLLDPFAPCAQEGSLSCRKNTCDD 60
QY 61 SWIHRPNTLSPSSPKQLQIOLAHFATQOQDLFPVAHIEMTLQTDASILYEGAEISVLOLN 120
DB 61 SWIHRKNTLSPSSPKKIYINLSVSTQHGELVVLHVEMTLQTDASILYEGAEISVLOLN 120
QY 121 TNERLCVREPEFLSKLRHHHRMRFTPSHFVNDPDEYEVTYHLLKPIPDGPNHOSKNF 180
DB 121 TNERLCVCFQFSLMLQHHKRRKRRFSHFVNDPQGSEYEVTHLPRPIPDGPNHKSII 180
QY 181 LVPDCEHAMKVTTPCMSSGLMDPNITVETLEAHQLRVSFPTLMESTHYQILTSFPHM 240
DB 181 FVPDCEDSKMKTTSCVSSGLMDPNITVETLDTQHLARDFTLMESTHYQVLLSFGDS 240
QY 241 ENHSCFEHMHAIIPAPPEEFHORSNTVTLTLRNKLGCCRHQVOIOPFSSCLNDCLHSAT 300
DB 241 ENHSCFDVVKQIFAPROEBFHORANVTFTLSKFHWCCHHNVQVOPFSSCLNDCLRHAVT 300

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QY 301 VSCPEMPDT--PEPIPDYMLMYMTFTGISILLVGSYILLIVCMTWLAGSGSKYSD 358
DB 301 VPCPVISMTVPKPVADITPLMYGLTLLILVLGSYIVLICTMTWLSGADQKHDD 360
QY 359 TKYTDGLPAADLPPPLKPKRWIISADHLYVDVVKFQFLLTACGTEVALDLLEQ 418
DB 361 SKINGILPVADLTPLPRKRWIIVSADHLYVEVVKFQFLLTACGTEVALDLLEQ 420
QY 419 AISEAGVMTWVGROKQEWESNSKIIVLCSNGTRAKWALLGRGAP-VLRCDHSGPYVD 477
DB 421 VISEGVMTWVSRQKQEWESNSKIILICSGTOAKWALLGMAEPVAVOLCDHMKPAGD 480
QY 478 LFTAMNMILPDPFRKPCFGTYVVCYSEVSCDDGVPLFGAAPPYPLMDRFEVYFRIQ 537
DB 481 LFTAMNMILPDPFRKPCFGTYVVCYSEVSGICSESDVPLFNTSKYPLMDRFEVYFRIQ 540
QY 538 DLEMFQPRMRHVEISGDNVLRSPGGRQLRAALDRFDMQVRCDFWECENTYSADQD 597
DB 541 DLEMFQPRMRHVEISGDNVLRSPGGRQLRAALDRFDMQVRCDFWECENTYSADQD 600
QY 598 APSIDEEVFEPEPLPFGTGIYKRAPLVREPSQACLAIDPLVSEBGAAYALBPHLOPR 657
DB 601 LPSIDEEVFEPEPLPFGGGIYKQOPLVRELPSSDCLVVDVCSSE-ESRMAKLDQLMPO 659
QY 658 GQPARQPLHTLVLAEBGALVAAYEPGLAD--GAAYVRLAAGEGACPLIGSPGAGRNS 715
DB 660 RELVAHTIQSMVLPBQVPAAHVVEPLHLPGSGAAQLPMTEDSEACPPL--GVQRNS 716
QY 716 VLPFVDPEDSPGSGSTPMASPDLLPEDEVREHLEGLMLSLPEQSLSCQAQSGCSRPAVYL 775
DB 717 ILCLPVSDDLPL-CSPTWMSPDHLQSGPARQLSLSIMSVLQSLISQPLPSWPRPEVYL 775
QY 776 TDPHTPYBEEORQSVQSDQGYISRSSPOPPPEGLTMEBEEBEOBPGKPLPLSPEDUES 835
DB 776 -EGCTPSEBEOBQSVQSDQGYISRSSPOPPPEGLTMEBEEBEOBPGKPLPLSPEDUES 829
QY 836 LRSIQRLPFRLOKNSGMDT-----GSESEGPS 865
DB 830 LRKLQRLPFWLEKXKPGMNSLEPRRPPEBQNS 864

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RESULT 13
US-09-022-696-2
; Sequence 2, Application US/09022696
; Patent No. 6072037
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; APPLICANT: Spriggs, Melanie
; APPLICANT: Fanelow, William
; TITLE OF INVENTION: No. 6072037e1 Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/022,696
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/620,694
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

```

APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206) 587-0430
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 864 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-022-696-2

Query Match 65.5%; Score 3042.5; DB 3; Length 864;
Best Local Similarity 67.9%; Pred. No. 7,66-287;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

QY 1 MGAARSPSAVPGVLLGLLLLLGLVLAAPGASLLDLHRAVLCOPGINCTVKNSTCIDD 60
DB 1 MAIRRCWPRVVPBGALGMLLLLVLAAPGRASPRLLDPAPVCAQEGISCRVKSTCIDD 60

QY 61 SWIHRNLTSSPPDLOQLHFAHTQOGLDLPVVAHIEWTLQTDASITLYLGAELSVLQIN 120
DB 61 SWIHRNLTSSPPDLOQLHFAHTQOGLDLPVVAHIEWTLQTDASITLYLGAELSVLQIN 120

QY 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOQEVYEVVYHNLKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOQEVYEVVYHNLKPIPDGDPNHQSKNF 180

QY 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOQEVYEVVYHNLKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOQEVYEVVYHNLKPIPDGDPNHQSKNF 180

QY 181 LVDPCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
DB 181 LVDPCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240

QY 181 FVPDCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
DB 181 FVPDCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240

QY 241 ENHSCFEMHIIIPAPREEFHQRANVTLLTNLKGCCCHQOIQIPFSSCINDCLRHAT 300
DB 241 ENHSCFEMHIIIPAPREEFHQRANVTLLTNLKGCCCHQOIQIPFSSCINDCLRHAT 300

QY 241 ENHSCFEMHIIIPAPREEFHQRANVTLLTNLKGCCCHQOIQIPFSSCINDCLRHAT 300
DB 241 ENHSCFEMHIIIPAPREEFHQRANVTLLTNLKGCCCHQOIQIPFSSCINDCLRHAT 300

QY 301 VSCHEMPT--PEPIPDYMLVYVFTGISILLVGSVILLVCTMTWLAGPSBKYSDD 358
DB 301 VSCHEMPT--PEPIPDYMLVYVFTGISILLVGSVILLVCTMTWLAGPSBKYSDD 358

QY 301 VPCGVISNTTTPKRVADYIPLMYGLITLAILVGSIVYIICMTWRLSGADQEKHGD 360
DB 301 VPCGVISNTTTPKRVADYIPLMYGLITLAILVGSIVYIICMTWRLSGADQEKHGD 360

QY 359 TKYTDGLPAADLIPPLPKRWIYISADHPLVYDVVLFKAFOLITACSTEVALLDEEQ 418
DB 359 TKYTDGLPAADLIPPLPKRWIYISADHPLVYDVVLFKAFOLITACSTEVALLDEEQ 418

QY 419 AISRAGVWTVGRQKQEMVENSKIYVCSRGTRAKQALLGRAP-VRLACHGKPYGD 477
DB 419 AISRAGVWTVGRQKQEMVENSKIYVCSRGTRAKQALLGRAP-VRLACHGKPYGD 477

QY 421 VISVGVWTVWSRQKQEMVENSKIYVCSRGTRAKQALLGRAP-VRLACHGKPYGD 480
DB 421 VISVGVWTVWSRQKQEMVENSKIYVCSRGTRAKQALLGRAP-VRLACHGKPYGD 480

QY 478 LFTAAAMNLLDPDFKRPACFTGYVVCYFSEVSCDGVDFLFGAAPPYPLMDFEERYFIQ 537
DB 478 LFTAAAMNLLDPDFKRPACFTGYVVCYFSEVSCDGVDFLFGAAPPYPLMDFEERYFIQ 537

QY 481 LFTAAAMNLLDPDFKRPACFTGYVVCYFSEVSCDGVDFLFGAAPPYPLMDFEERYFIQ 540
DB 481 LFTAAAMNLLDPDFKRPACFTGYVVCYFSEVSCDGVDFLFGAAPPYPLMDFEERYFIQ 540

QY 538 DLEMFQPMRMRVBSLSDNYLRSFGRLRALDPRFMQVRCDFWECENTLSADQD 597
DB 538 DLEMFQPMRMRVBSLSDNYLRSFGRLRALDPRFMQVRCDFWECENTLSADQD 597

QY 541 DLEMFQPMRMRVBSLSDNYLRSFGRLRALDPRFMQVRCDFWECENTLSADQD 600
DB 541 DLEMFQPMRMRVBSLSDNYLRSFGRLRALDPRFMQVRCDFWECENTLSADQD 600

QY 598 APSUDEVEFEERPLPRGTGIVKRAPLVHBPSSQACIALDPLVGBEGAAVAKLEPHLQPR 657
DB 598 APSUDEVEFEERPLPRGTGIVKRAPLVHBPSSQACIALDPLVGBEGAAVAKLEPHLQPR 657

QY 601 LPSIDEEVEFEERPLPRGTGIVKRAPLVHBPSSQACIALDPLVGBEGAAVAKLEPHLQPR 659
DB 601 LPSIDEEVEFEERPLPRGTGIVKRAPLVHBPSSQACIALDPLVGBEGAAVAKLEPHLQPR 659

QY 658 GOPAPQPLHTLVLAEEGALVAAPVGRPLAD--GAAVLVLAGEEBAEPLGSPAGANS 715
DB 658 GOPAPQPLHTLVLAEEGALVAAPVGRPLAD--GAAVLVLAGEEBAEPLGSPAGANS 715

QY 660 RELVAHTIQSNVLRPEQVRAAHVYVPRLLHLDPSGAAADPLMTBDEACPL---GVQANS 716
DB 660 RELVAHTIQSNVLRPEQVRAAHVYVPRLLHLDPSGAAADPLMTBDEACPL---GVQANS 716

QY 716 VLFVPEDEBSPGSSSTPMASPDLLPEDEVREHLEGLMLSLFEOGISCOAGGCSRPAYVL 775
DB 716 VLFVPEDEBSPGSSSTPMASPDLLPEDEVREHLEGLMLSLFEOGISCOAGGCSRPAYVL 775

QY 717 ILCPVDSDDPL--CSTPMSPBDHLQGDARQLBSLMLSVLQGISGQPLBSWPRPVVL 775
DB 717 ILCPVDSDDPL--CSTPMSPBDHLQGDARQLBSLMLSVLQGISGQPLBSWPRPVVL 775

QY 776 TDPTPYEEBQROSGDOGISRSRSPQPEGLTMEEBEERODPGKPALPLSPEDLES 835
DB 776 TDPTPYEEBQROSGDOGISRSRSPQPEGLTMEEBEERODPGKPALPLSPEDLES 835

QY 776 TDPTPYEEBQROSGDOGISRSRSPQPEGLTMEEBEERODPGKPALPLSPEDLES 835
DB 776 TDPTPYEEBQROSGDOGISRSRSPQPEGLTMEEBEERODPGKPALPLSPEDLES 835

QY 836 LRSIQRLPRLQKXSGMDTM-----GSESEGPS 865
DB 836 LRSIQRLPRLQKXSGMDTM-----GSESEGPS 865

QY 830 LRLQRLPFWELKXSGMDTM-----GSESEGPS 864
DB 830 LRLQRLPFWELKXSGMDTM-----GSESEGPS 864

RESULT 14
US-08-978-773-2
Sequence 2, Application US/08978773
Patent No. 6083906
GENERAL INFORMATION:
APPLICANT: Trout, Anthony
TITLE OF INVENTION: Method of Regulating Nitric Oxide Production
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESS: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple PowerMacintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for PowerMacintosh, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/978, 773
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/052,525
FILING DATE: 27 NOVEMBER 1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2623-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206) 587-0430
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 864 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-978-773-2

Query Match 65.5%; Score 3042.5; DB 3; Length 864;
Best Local Similarity 67.9%; Pred. No. 7,66-287;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

QY 1 MGAARSPSAVPGVLLGLLLLLGLVLAAPGASLLDLHRAVLCOPGINCTVKNSTCIDD 60
DB 1 MAIRRCWPRVVPBGALGMLLLLVLAAPGRASPRLLDPAPVCAQEGISCRVKSTCIDD 60

QY 61 SWIHRNLTSSPPDLOQLHFAHTQOGLDLPVVAHIEWTLQTDASITLYLGAELSVLQIN 120
DB 61 SWIHRNLTSSPPDLOQLHFAHTQOGLDLPVVAHIEWTLQTDASITLYLGAELSVLQIN 120

QY 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOQEVYEVVYHNLKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOQEVYEVVYHNLKPIPDGDPNHQSKNF 180

QY 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOQEVYEVVYHNLKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPOQEVYEVVYHNLKPIPDGDPNHQSKNF 180

QY 181 LVDPCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
DB 181 LVDPCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240

QY 181 FVPDCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
DB 181 FVPDCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240

QY 241 ENHSCFEHMHNI PARDPEEFHORSNVTLLTLRLKGCGRHOVOIOFPSSCLNDCLRHSAT 300
DB 241 ENHSCFDVVKQIFARROEBFHORANVTFTLSKFHMCCHHNVQVFPSSCLNDCLRHAYT 300
QY 301 VSCPEMPT--PEPIPYMPLVWVMTGISILLVGSVILLIVCMTWRLAGSGSEKSD 358
DB 301 VPCVISTNTVVKPVADYIPLWVGLITLIALLVGSVILLICMTWRLSGADQKGGDD 360
QY 359 TKYTDGLPADLIPPLKPKRWIITYSADHPLYVDVYLKFAOPLITAGCTEVALDLLEQ 418
DB 361 SKINGILPVADLTPPLPRKRWIYYSADHPLYVEVYLKFAOPLITAGCTEVALDLLEQ 420
QY 419 AISEAGVMTWVGRKOEWESNSKIIVCSRGTRAKMOLLGRGAP-VRLRCDHKPVG 477
DB 421 VISEGVMTWVSRKOEWESNSKIILCSRGTOAKMKAILGMABPAVOLCDHKPKMGD 480
QY 478 LFTAAAMNLLPDKRPACFGTYVVCYFSEVSCDGDVDPDLFGAAPPYPLMDRFEVYFRIO 537
DB 481 LFTAAAMNLLPDKRPACFGTYVVCYFSGICSERDVPDLFNITSRYPLMDRFEVYFRIO 540
QY 538 DLEMFOGMRHVRVGLSGDNILRSFGGRQLRALDRFRDQVRCDFWECENLYSADOD 597
DB 541 DLEMFBPGMRHVRRELTDGNYLQSPSGRQLKEAVLRFQEWOTQCPDWERENMLCLADGD 600
QY 598 APSLDEEVEEPLLPFGTGVYKRAPLVREPSQAACIADPLVGEBSGAVALKEBPHLOPR 657
DB 601 LPSLDEEVEEPLLPFGGIVKQOPLVRELPDGLVYDVCSSE-ESMAKLDQMLFQ 659
QY 658 GQAPQPLHTLVLAEBGALVAVEPGPLAD--GAVALALAGGEACPLLSPGAGNS 715
DB 660 RELVHTLQSVLPAEQVPAHVAHVEPLHLPDGSAAAOQLPMTEDBACPLL--GVQNS 716
QY 716 VLFLVYDDEDSLGSSTPMASPDLPBDVREHLEGLMLSFEOQISLQAOGCSRPANVL 775
DB 717 ILCLVDSDDLPL-CSTPMWSPDHLQGDAREQLLESIMLSVLCQSPLESMPREVEYL 775
QY 776 TDPHTPYEBOQSOSVQSGYISRSPOPEGLTEMEEBEBOOPGKPLPLSPEDLES 835
DB 776 -EGCTPSEBOQOSVQSGYISRSPOPEWLT-----EEBELGEBVESLSEELRS 829
QY 836 LRSILQRLFRQLQKNSGMDTN-----GSESEGPS 865
DB 830 LRKLQRLPFWELEKMPGWSLSPRRPRPEEQNPS 864

RESULT 15
US-09-022-253-2
Sequence 2, Application US/09022253
Patent No. 6096305
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
TITLE OF INVENTION: Fanslow, William
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,253
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694

FLING DATE: 21-MARCH-1996
APPLICATION NUMBER: USSN 08/538,765
FLING DATE: 7 AUGUST 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410,535
FLING DATE: 23 MARCH 1995
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 864 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-022-253-2

Query Match 65.5%; Score 3042.5; DB 3; Length 864;
Best Local Similarity 67.9%; Pred. No. 7,66-287;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

1 MGAARPPSAVPGPLGLILLGLVLAAGASRLDLHRLVCSQPGINTVKNSTCIDD 60
1 MAIRCWPVRVPGPLGLILLGLVLAAGRASPLDLFPAPVCAQEGISCRVKSTCIDD 60
61 SWIHPNLTSSPPDLOQLFAHTQOCDLFPVHIETLOTDSILYLBGAELSVLOLN 120
61 SWIHPNLTSSPPNIIYINLSVSTQGEIVLVHENTLOTDSILYLBGAELSVLOLN 120
121 TNERLCVFEFLSKLRHHRHRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNMQSKNF 180
121 TNERLCVGFOLSLMLQHHRKMRFSFSHFVVDPOGEYEVTVHHLPKPIPDGDPNMQSKNI 180
181 LVDPCEHARKMVTTPCMSSGLMDPNITVETLEAHOLRVSTFTLNNESTHYOILLTSPPHM 240
181 FVPPCEDSKMKMTTSCVSSGLMDPNITVETLDTQHLRVDFTLNNESTPYQVLLSEFSDS 240
241 ENHSCFEHMHNI PARDPEEFHORSNVTLLTLRLKGCGRHOVOIOFPSSCLNDCLRHSAT 300
DB 241 ENHSCFDVVKQIFARROEBFHORANVTFTLSKFHMCCHHNVQVFPSSCLNDCLRHAYT 300
QY 301 VSCPEMPT--PEPIPYMPLVWVMTGISILLVGSVILLIVCMTWRLAGSGSEKSD 358
DB 301 VPCVISTNTVVKPVADYIPLWVGLITLIALLVGSVILLICMTWRLSGADQKGGDD 360
QY 359 TKYTDGLPADLIPPLKPKRWIITYSADHPLYVDVYLKFAOPLITAGCTEVALDLLEQ 418
DB 361 SKINGILPVADLTPPLPRKRWIYYSADHPLYVEVYLKFAOPLITAGCTEVALDLLEQ 420
QY 419 AISEAGVMTWVGRKOEWESNSKIIVCSRGTRAKMOLLGRGAP-VRLRCDHKPVG 477
DB 421 VISEGVMTWVSRKOEWESNSKIILCSRGTOAKMKAILGMABPAVOLCDHKPKMGD 480
QY 478 LFTAAAMNLLPDKRPACFGTYVVCYFSEVSCDGDVDPDLFGAAPPYPLMDRFEVYFRIO 537
DB 481 LFTAAAMNLLPDKRPACFGTYVVCYFSGICSERDVPDLFNITSRYPLMDRFEVYFRIO 540
QY 538 DLEMFOGMRHVRVGLSGDNILRSFGGRQLRALDRFRDQVRCDFWECENLYSADOD 597
DB 541 DLEMFBPGMRHVRRELTDGNYLQSPSGRQLKEAVLRFQEWOTQCPDWERENMLCLADGD 600
QY 598 APSLDEEVEEPLLPFGTGVYKRAPLVREPSQAACIADPLVGEBSGAVALKEBPHLOPR 657
DB 601 LPSLDEEVEEPLLPFGGIVKQOPLVRELPDGLVYDVCSSE-ESMAKLDQMLFQ 659
QY 658 GQAPQPLHTLVLAEBGALVAVEPGPLAD--GAVALALAGGEACPLLSPGAGNS 715

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Db      660 RELVAHTLQSMVLPABQVPAHVVEPLHLPDGSGAAQLPMTEDSEACPLL--GVORNS 716
Qy      716 VLPLVPDPEDSPISGSTEPMA SPDLLPEDVREHLEGLMLSLPEQSLSCQAQGGCSRPAMVL 775
      : ||| : ||| ||| ||| ||| : ||| : ||| ||| : |||
Db      717 ILCLPVDSDDLPL-CSTPMNSPDHLOGDAREQLBSLMLSVLQSLSGQPLESMRPREYVL 775
Qy      776 TDPHTPYEEEOQSVOSDQGYISRSSPQPEGLTEMEEBEEOBPGKPALPLSPEDLES 835
      : ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      776 -EGCTPSEEEQSVOSDQGYISRSSPQPEMLT-----EEBELGEPVESLSPEELRS 829
Qy      836 LRSLOQLLFRLOQNSGMDTM-----GSESEGPS 865
      ||| ||| ||| : ||| ||| : ||| : ||| : ||| : |||
Db      830 LRKLORQLFWELERKNGMNSLEPRRPTPEEQNPS 864

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Search completed: September 12, 2005, 07:22:28
 Job time : 47 secs

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